

396.8  
P842

LIBRARY  
RECEIVED  
AUG 12 1925

# DRUG & CHEMICAL MARKETS

Established 1914

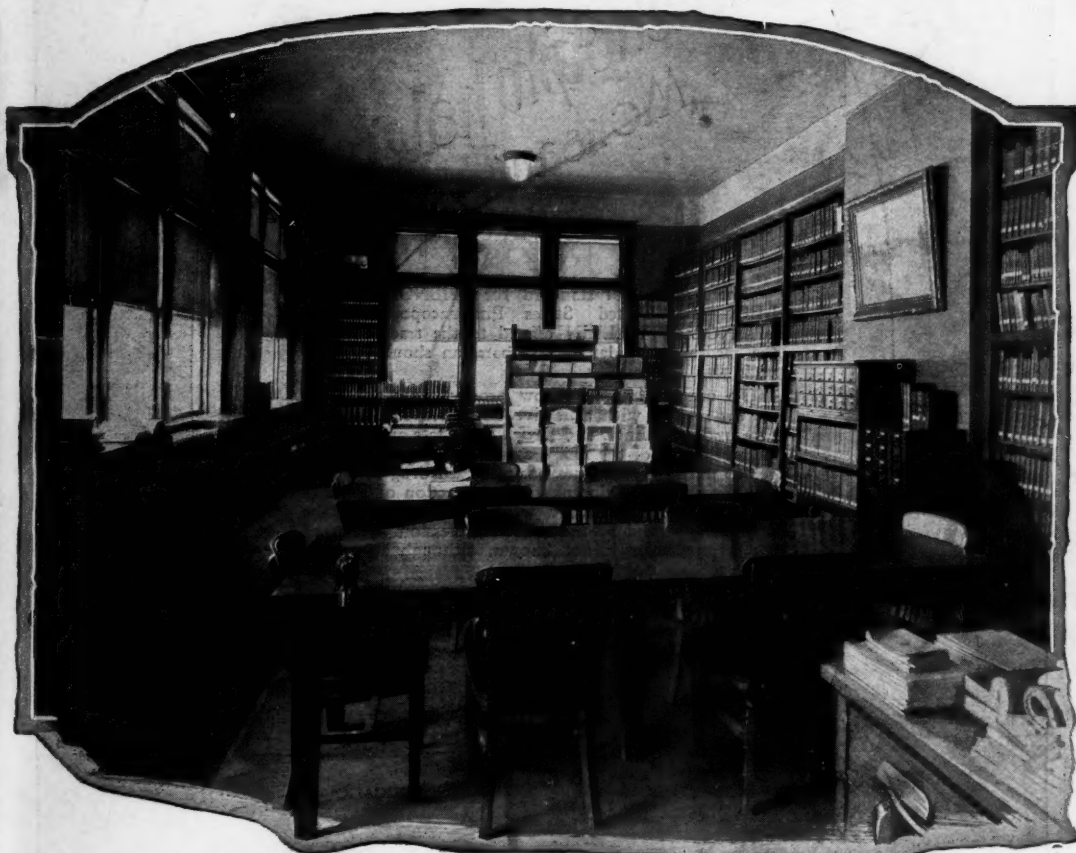
U. S. Department of Agriculture

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOL. XVII

NEW YORK, AUGUST 12, 1925

No 7



## What is Practical Research

Pharmaceutical  
Chemicals

Some



Products include

Heavy Chemicals  
Intermediates  
Dyes  
Aromatic Chemicals  
Insecticides  
Magnesium Metal

As we look at it, practical research involves the study, experiment and experience which goes to make our products and our service most useful, most dependable and most economical to those who deal with us.

Every trade has its research problems; the questions which arise in the pharmaceutical trades naturally vary from those presented by the textile, leather, or rubber manufacturer. The problems of the industrial plant or the highway engineer are still different.

So, for the hundreds of Dow men engaged in working out these problems, The Dow Chemical Company maintains one of the most extensive chemical libraries as well as large and well equipped laboratories. Dow sales have been largely increased by research work on the problems of Dow Customers. Let us help you with your chemical problems.

**THE DOW CHEMICAL COMPANY - MIDLAND, MICHIGAN**

90 West Street, New York City

Branch Sales Offices

Second & Madison Sts., Saint Louis

# Phenolphthalein Monsanto

**Pure White**

There is a legal standard for PHENOLPHTHALEIN—the United States Pharmacopoeia. Any PHENOLPHTHALEIN offered to the trade through the medium of a laxative preparation should comply with this standard.

To use the impure yellow product now appearing on the market with attractive claims, invites prosecution under the Food and Drugs Act, State and Federal. Consideration of the moral aspect also shows the danger of putting an impure unauthorized drug into general distribution. The physiological action of PHENOLPHTHALEIN U.S.P. white is known and the product approved by the medical profession. That of the impure form is not known, although at present under observation.

Until the physiological action of the impure quality is known, Monsanto will sell only one quality of PHENOLPHTHALEIN—and that is PHENOLPHTHALEIN U.S.P., the recognized standard, which product is white.

**Monsanto Chemical Works**  
St. Louis, U.S.A.

NEW YORK

CHICAGO

# MONSANTO





A Dyeing Establishment in 1625

## QUALITY *and* SERVICE

**T**HIS is addressed to you—who think as we do—that the importance of quality in dyestuffs cannot be over-magnified. Experience, knowledge, and expert judgment are always valuable. When they are combined, as in this organization, for the making and application of dyestuffs, proportionate benefits are bound to accrue to the users.

You are invited to test the worth of these dyestuffs—to receive full measure by a service that acts on its own initiative to secure your complete satisfaction.

We and our immediate predecessors have an experience of over 50 years in introducing and handling dyestuffs in America.

*Diamine Alizarine Indanthrene Helindon Hydron  
and other Colors of Domestic and Foreign manufacture.*

*Sole Importers of the DYESTUFFS manufactured by*

**FARBWERKE, VORMALS MEISTER LUCIUS & BRÜNING**

*and*

**LEOPOLD CASSELLA & CO.**

## GENERAL DYESTUFF CORPORATION

*Successor to Dyestuff Department of H.A.METZ & CO. Inc.*

122 Hudson Street, New York

128 Oliver St., Boston, Mass.  
132 Chestnut St., Philadelphia, Pa.

301½ W. Trade St., Charlotte, N. C.  
316 Turk's Head Bldg., Providence, R. I.

449 N. La Salle St., Chicago, Ill.  
20 Natoma St., San Francisco, Cal.



**American Manufacturers  
and Importers  
of  
Fine Synthetics  
for  
Perfumes and Soaps**

Heliotropine  
Terpineol

Musks  
Laurine

Phenylethylalcohol  
Phenylacetaldehyde

**Specialties for Fine Perfumery**

Lilac VII  
Lilac 658  
Sophora  
Melittis

Cassie Synthetic  
Bouvardiol  
Amarante  
Jasmin Du Var

Muguet No. 16  
(Lily of the Valley)

**Burton T. Bush, Inc.**  
45 JOHN STREET NEW YORK  
Telephone: BEEKMAN, 3851, 3852  
Cable Address: AROMATIC, New York

## DRUG & CHEMICAL MARKETS

(Title and Style Registered in U. S. Patent Office)

Published Every Wednesday by

### DRUG & CHEMICAL MARKETS, INC.

Williams Haynes, President  
Ira P. MacNair, Vice-President

F. F. Burgin, Secretary  
D. O. Haynes, Jr., Treasurer

#### Publication Office

25 SPRUCE ST., NEW YORK, U. S. A.  
Telephone Beekman 6677 Cable Chemmarket

Entered as second-class matter, Dec. 7, 1914, at the post office at New York, N. Y., under the Act of March 3, 1879.

#### SUBSCRIPTION RATES

United States, Cuba and Mexico, \$4.00 a year; Foreign \$5.00 a year, payable in advance. Current Copies, 15 cents. Back Copies 25 cents. A Binder for this Journal @ \$1.00 Postpaid.

VOL. XVII

No. 7

## The Week in Brief

#### News

The manufacture of nitrogen bearing materials at home will be undertaken in the near future owing to the growing demand for nitrate fertilizers in the East Indies, according to the Sumatra correspondent of "Drug and Chemical Markets."

A new name for alcohol has been suggested—"ethyhydrate"—permanently to separate industrial alcohol and bootleggers in the public mind.

Imports of dyestuffs during July were larger than June, and considerably greater than the same month in 1924.

Foreign commerce in chemicals, naval stores, toilet goods, was larger during the first six months of this year than in 1924. Less business in crude drugs this year. Coal-tar chemical imports were larger than last year, and exports were smaller.

German import ban on a number of chemicals was lifted Aug. 1 and no licenses are now required to import such products.

#### Markets

Essential oils are very strong and the pressure is upward on prices. Levels are now highest since 1920. Peppermint is uncertain, but no open break in price is reported as yet.

A much firmer tone is coming in evidence in pharmaceutical chemicals with buyers looking around for their fall supplies. Prices are stronger but unchanged in most instances.

Crude drugs show good activity for the season with some violent fluctuations. Lycopodium is high, senega firm, wormseed up. Spices and seeds are active.

Increased demand reported in industrial chemicals. Formic acid shaded again. Copper sulfate higher. Arsenic and barium salts remain at low prices. Sal ammoniac higher.

Intermediates moving in a routine way at unchanged prices. Benzene quoted at varying prices due to heavy demand for motor fuel. Pyridine firm on spot but shipment is lower. Naphthalene, cresylic acid and phenol are dull.



# MATHIESON Chemicals

Commonwealth Chemical Corporation

## COUMARIN



*The rich fragrance of our Coumarin is due to its absolute freedom from chemical by-odors. Its proper use will not impair even the most delicate of perfumes and flavoring extracts.*

*Discriminating buyers need only send for a sample of our product to be convinced.*

*The* **MATHIESON ALKALI WORKS Inc.**  
250 PARK AVE. NEW YORK CITY  
PHILADELPHIA CHICAGO PROVIDENCE CHARLOTTE

Deal Direct with



the Manufacturer

Bicarbonate of Soda  
Liquid Chlorine-Caustic Soda

Sesquicarbonate of Soda  
Bleaching Powder-Soda Ash

*There is no more reliable  
source of supply for*

**PAPERMAKERS' ALUM**

*than*

**Merrimac Chemical Company  
of Boston**

# DRUG & CHEMICAL MARKETS

VOL. XVII

NEW YORK, AUGUST 12, 1925

No 7

## RECHRISTENED ALCOHOL

To ninety-nine Americans out of a hundred, "alcohol" is nothing but bootleg booze. Whether the alcohol be No. 5 completely denatured, No. 39A specially denatured, or pure ethyl spirits, it is all a drink with a kick, in the public mind. Alcohol is not a commercial solvent, an ethylating material, a preservative, to anybody but the chemist or man in industry. Propaganda from now until doomsday will not stop the sly wink which accompanies the statement that So-and-so is in the alcohol business. Bootlegger and legitimate alcohol producer have been linked together by ignorance and gossip. The only way out apparently, is to leave the name alcohol for the bootlegger to use, and find a new name which will mean industrial alcohol, the legitimate product of commerce.

"A rose by any other name would smell as sweet," and alcohol carrying a new name, purposely of a distinctive chemical character, would serve its purpose to industry just as well. The manufacturers of wood alcohol have succeeded in having the name methanol adopted quite generally in order to sever permanently any connection, however remote, with the liquor trade. The ethyl alcohol producer can do the same thing.

Why not adopt the term "ethyl hydrate," to give the smack of chemistry to industrial alcohol? It has a technical tinge sufficient to disconnect it from beverages. It could soon be made quite as general as the term methanol.

## WHAT IS A TANK-CAR?

The railroads, through the Classification Committee, decided a month or two ago that the multi-unit tank-car, now used extensively for the transportation of liquefied gases, is not a tank-car, and for this reason, should not be entitled to tank-car freight rates. Needless to add, the new rates proposed by the Committee, and submitted to the Interstate Commerce Commission, are materially higher. The reason given by the railroads in their plea for a higher rate on this type of business is the reported loss of revenue on tank-car transportation in general. Hence, every effort is being made by the carriers to reduce the tank-car class to the smallest group possible, which explains why they want to re-classify the multiple unit tank.

The carriers' representatives at the recent hearing before the Interstate Commerce Commission, at Washington, pointed out the new and sudden

discovery that the multi-unit tank-car is not a tank-car at all. Why? Because the unit tanks are removable for filling and emptying. The fact that removability is a help to the railroads in expediting unloading and release of the cars, has been ignored completely. That the reason offered for the attempted exclusion of the multi-unit tanks from the tank-car class is a mere hair-splitting technicality, has apparently not been considered by the Classification Committee. As a suitable excuse for a rate advance, however, they evidently believe that it has possibilities.

To change the multi-unit tank-car classification for any such reasons as were put forward by the carriers at the recent hearing, would be a distinct injustice to the thousands of chlorine and sulfur dioxide consumers the country over. The Interstate Commerce Commission was established for the public good, as a link between the public service corporations and the country. To foster progress is its duty, and it cannot allow the requested reclassification without striking a blow at one of the most progressive transportation developments of recent years. The effective date of the new rate is November seventh. By that time the I. C. C. should know without any doubt, that as far as the carriers are concerned, the multi-unit tank-car is just as much a tank-car as any other variety.

## RUBBER AND CHEMICALS

Every cent that the price of crude rubber advanced, meant that the chemical industry had lost proportionately in the reduced sale of its products to the rubber industry. The sale of crude rubber has forced the shut-down of numerous small plants in the United States already, and several of the bigger organizations have announced the expected cessation of operations in the near future. Some shortsighted folk hailed the spectacular rise in the price of crude rubber past the dollar mark as the initial movement in a boom in the rubber trade. With higher prices for finished rubber goods, they foresaw improved demand for raw materials and less caution in the price at which these materials were bought.

High priced rubber has acted as a very effective damper on business. Perhaps, those companies which had good stocks of crude may make some money on them, but if enforced reductions in operations are prolonged, the consequent losses will be greater than the profits in rubber stocks. Tires, for example, which contain anything up to ten

pounds of rubber, cannot sell for eighteen or twenty dollars retail if made from dollar rubber. To boost prices proportionately with the rise in rubber would almost choke off sales completely. Rubber companies have little else to do but close down, at least until the price of crude drops back somewhere within the range of reason. Even the more recent declines leave the price far out of range for anything like normal operations.

Manufacturers of zinc oxide, carbon black, whites, colors, accelerators, talc and the dozens of products which go into rubber processes, are the unfortunate victims of a circumstance beyond their control. With a return to normal in crude prices,—and this may take two weeks or two months,—business will probably make up for lost time. In the meantime, however, the chemical trade is faced with a situation that not even that great nostrum commonly used,—price cutting—can cure.

Peppermint oil seems to be waiting impatiently to go somewhere. But, where? Some say to twenty dollars per pound; others say seven. The country talks fifteen dollars while it sells at ten or twelve. Consumers pay twelve and rave because the price is more than two. Authorities within a few hundred miles of each other in Michigan estimate the crop at 200,000 pounds and 500,000 pounds respectively. Opinions on every phase of the peppermint situation are as numerous as fleas on a rabbit. Free advice on the situation is extremely plentiful and, as usual, worth just about what it costs.

Carloadings have broken the record for mid-summer. This means that actual shipments of merchandise are larger than ever before at this time of the year. Business must be better somewhere. The trouble, however, is to make most people in the chemical business admit it. When business is poor, the readiness to acknowledge this condition is almost universal. When business is good, hardly ever is anything better than fair admitted. A matter of psychology, much like the winning gambler who refuses to count his chips for fear that his luck may change.

Prohibition Commissioner Roy Haynes has been shorn of real power in the enforcement of the Volstead Act and the Eighteenth Amendment, and few tears will be shed among the chemical, drug, and other alcohol-using industries over his passing. Haynes was a thorough-going prohibitionist who tried to enforce the law with but one idea in mind and without thought of justice to American industry. Enforcement is not for a dry extremist any more than it is work for a bootlegger.

The French and German exploiters of the synthesis of methyl alcohol are having a merry fight in the European trade papers over the question of priority, superiority, and practicability. Both sides have hurled their darts at the other fellow's methods thus far, but if the usual order of American politics is followed, they will soon forget the original question, and pass quickly to the personal and mud-slinging stages.

## WHO'S WHO— in the Chemical Industry

**Jerome Alexander**, consulting chemist and chemical engineer, New York. Born: New York, Dec. 21, 1876. Mar.: Gertrude Hammerslough, New York, Apr. 9, 1903. Educat.: B. S., 1896, M. Sc., 1899. Business: Natl. Gum & Mica Co., (treas.) 1896-1921. Chmn., Colloid Committee, Div. Chemistry & Chemical Technology, Natl. Research Council. Author, "Colloid Chemistry," "Glue and Gelatin" (A. C. S. Monograph II); translator, Zsigmondy's "Colloids and the Ultramicroscope." Member: Chemists' Club (N. Y.), Author's Club (London), Amer. Inst. of Chemical Engineers, Amer. Inst. of Mining & Metallurgical Engineers, Amer. Chem. Society, Society of Chemical Industry (Chmn., Amer. Section, 1917-19), Societe de Chimie Industrielle, Kolloid Gesellschaft, Fellow, Amer. Assn. for the Advancement of Science.

**Frank Gottlob Breyer**, Chief of Research Division, N. J. Zinc Co. (of N. J.), Palmerton, Pa. Born: Baltimore, Md., Dec. 21, 1886. Mar.: Marjorie Baker, Dec. 27, 1910. Educat.: Johns Hopkins Univ. (A.B., 1908; M.A., 1910). Business: N. J. Zinc Co. (of Pa.), (Research Chemist, 1910-12; Chief Chemist, 1912-17), N. J. Zinc Co., (Chief Research Division, 1917 to date). Patents on oxide, lithopone, zinc and alloys. Member: Chemists', Blue Ridge C. C., A. I. M. E., A. C. S., Faraday Society, A. S. T. M., etc. Hobbies: Fishing and golf.

**Charles Cuthbert Concannon**, Chief, Chemical Div., Dept. of Commerce, Washington, D. C. Born: Boston, Mass., March 13, 1889. Unmarried. Educat.: Harvard, (A.B.), 1911. Business: Brewer & Co., Worcester, Mass. (salesman); Takamine Laboratory (director, mgr.). Member: Harvard Club (Boston), Harvard Club, Chemists' Club (N. Y.), University Club, Rock Creek Hunt Club (Washington). Hobby: Horses.

**Ralph R. Patch**, president, E. L. Patch Co., Stoneham, Mass. Born, May 9, 1882, Stoneham, Mass. Mar., Christina Vaughn Johannott, Stoneham, Mass., Sept. 4, 1907. Educat., Stoneham Public Schools; Mass. Inst. of Tech., B. S. 1906. Business, Civil and sanitary engineering. Joined E. L. Patch Co., Sept., 1906; various positions in business up to treasurer and president, both held now. Member, (at present time) Stoneham Board Public Works (Secy., Chmn. 2 yrs.); Town Moderator and Chmn. Planning Board; Amer. Drug Mfrs. Assn. (V-P); Amer. Pharm. Mfrs. Assn. (Secy.-Treas.); New England Drug Mfrs. Assn. (Secy.-Treas.); O. R. C. Sanitary, Lt. Col.; Stoneham Rotary Club (Pres.); Boston City, Technology, Bear Hill Golf Clubs; Boston Chamber Commerce; A. Ph. A.; Baptist Church; King Cyrus Lodge, A. F. & A. M.; Boston Druggists' Assn. Hobbies: Sports and music.

**Charles E. McCafferty**, secy. and treas., American Alkali & Acid Co. and Lewis Emery, Jr., Inc., Bradford, Pa. Born Butler, Pa., July 18, 1876. Mar. Mable McMahon, Bradford, Pa. Nov. 26, 1901. Educat. Public school, Bradford. Business: Secy. and treas., Amer. Alkali & Acid Co., (20 yrs.), Lewis Emery, Jr. Inc., (30 years), Bradford Gas Co., Emery Petroleum Co., Emery Hardware Co., Godbout Lumber Co., Inra Mining & Dev. Co., Test Oil Co. Assisted in introducing the manufacture of oxalic acid in the United States. Member: Elks, I. O. O. F., Country Club (Bradford, Pa.), U. C. T. Assn. Chamber of Commerce.





# Industrial Chemical

## SECTION



### The Export Market For Nitrogenates

#### *Colonial Imports Versus Home Production of Fertilizer Materials As Demonstrated by the East Indies*

By the Sumatra Correspondent of DRUG & CHEMICAL MARKETS

Owing to the agricultural character of most East Indian industries, the prospects of home production of nitrogen fertilizer materials are not bright under ordinary conditions. Importation is so much simpler and cheaper, that these islands represent a big actual consumption, and a still larger potential consumption of nitrogen bearing materials. Demand is growing so rapidly as virgin soil becomes worn out after a number of yearly crops of the same product, that the possibility of nitrogen fixation at home is being investigated quite thoroughly. In view of the extensive water power available in the Indies, actual development is not so remote as might be expected. Cheap nitrogen is wanted in ever increasing quantities, and if Germany, America, France, or Britain cannot supply it cheap enough, home production will become imperative.

It becomes more and more apparent that the wealth of East Indian soil has its limits and also that large quantities of foodstuffs cannot be produced without declining yield. As is nearly always the case, a shortage of the nitrogenous food materials is felt first. Therefore, quantities of sulfate of ammonia are imported every year, as the following table shows:

	Tons of 1,000 kilos
1919 .....	34,550
1920 .....	111,761
1921 .....	58,717
1922 .....	71,205
1923 .....	80,361
1924 .....	111,947

Thus, after sharp fluctuations in 1919-1921, owing to post-war conditions, these figures show a steady increase.

#### Increased Demand in Sugar and Tobacco

The sugar industry in Java is the most important consumer and as, with the construction of new irrigation works, this industry is steadily increasing, this fact alone warrants a steady increase in the use of this fertilizer. Moreover it appears highly probable that other cultivated soil such as tea, coffee and rubber plantations, will need in time to replenish its stock of food materials, as is now already the case with the tobacco fields of Deli in Sumatra.

Then the cultivation of rice may be mentioned. It is impossible to keep up with the need for new rice fields, in view of the yearly increase of Java's population of 35 millions, by the construction of new irrigation works. Therefore, nearly a million tons of rice have to be imported yearly. An attempt to grow a larger crop on the same area by the application of fertilizers would be another way of solving this question. And here it will happen that nitrogenous fertilizers will be the first needed. Japan already makes use of more than 100,000 tons of these a year for its rice

#### NITROGENATES!

No word exists in the English language today which designates as a group all types of nitrogen bearing materials, carrying their nitrogen available as a soluble plant food. "Drug & Chemical Markets" has coined a word—nitrogenates—which includes, for example, nitrate of soda, sulfate of ammonia, cyanamid, urea, tankage, nitrogenous material, etc., all sources of combined and soluble nitrogen. The new word is offered to the fertilizer industry as an inclusive designation of this group of products.—The Editors.

fields. Ammonia is also used for the manufacture of sprayed rubber, and for the preservation of rubber latex. All this shows that a nitrogen fixation industry in the Indies will have no trouble in disposing of its produce. In European countries this industry is already well-known, and in Scandinavia cyanide factories have for twenty years been producing a fertilizer that is now widely adopted in agriculture. In fact, the demand exceeds the production at present.

#### Testing Out German Nitrogenates

The Badische Aniline and Sodafabrik and other German factories are producing different nitrogenous fertilizers, as ammonia-sulfate-saltpetre, sal-ammoniac and ureum, which are much higher graded nitrogenous compounds than sulfate of ammonia, being respectively 26, 28, 46 and 20 per cent nitrogen. Ureum (urea) specially seems to be the fertilizer of the future. All these fertilizers have been extensively tested by the East Indian experimental institutes and have been found to be as efficient as sulfate of ammonia.

Experience of many years has taught that nitrogen in the form of ammonia is not so subject to being washed out by tropical rains or irrigation water as nitrates. Therefore, sulfate of ammonia is the most used fertilizer, although ureum and cyanide, which have the same properties in this respect, ought to make headway in the Indies. Because in Java, at present, only ammonia fertilizers are used, the following processes. Theoretically those processes are identical, but they differ widely as to acquiring their raw materials. Haber gets its nitrogen and hydrogen from cokes, but these elements are not required in a pure state and this necessitates the vast installations that have given the factories of the Badische Aniline and Sodafabrik their huge extent. Claude and Casale get their nitrogen from air. The Claude process, which has found its chief application in France, provides its hydrogen from coke oven gases, but it is also possible to use electrolytic hydrogen. The Casale process, which was originated in Italy, a coun-

try rich in water-power, has adopted electrolytic hydrogen. It may be considered an improvement on the two former processes, because it needs a simpler and smaller installation, and because it is not of necessity bound to a centre of industry.

#### Electrolytic Process Most Feasible

Though coal is abundant in the Indies, it is for the greater part non-coking. As, moreover, industrial centres do not exist, it is apparent that only a nitrogen process, based on electrolytic hydrogen, is suitable for these regions. The Indies are, however, rich in water-power. In this regard they can very well be compared with Italy, and it may be concluded that Italy's example in making the needed hydrogen electrolytically may be followed, and the cheapness of the Indian coal only adds to the chances of success. Are the chances for a prosperous nitrogen industry in the Indies favorable?

It is well-known that during the boom time during and shortly after the war, plans for a cyanamid factory in Sumatra were well on their way, but the subsequent depression put a stop to them. At that time it was already questioned whether conditions elsewhere for an ammonia factory were not more favorable than in Sumatra, which had the advantages of cheap water power and a better situation, geographically and economically. This is surely also the case in Celebes, where there is a river, running at an elevation of 1,800 feet above the sea and for a short distance parallel to the coast. Water-gauging in this river has been going on for five years and it has been proved that, without the accumulation of water in reservoirs, an all year round minimum power of 110,000 h. p. is available. A fine protected, natural harbor, where steamers of every draught can call in all weathers and at all tides, is to be found at a distance of 12 miles. Cheap coal for concentrating and chemical purposes is to be had at a distance of one day's steaming, and a good supply of unskilled labor is available from the interior. All these favorable conditions combined give a real chance to this scheme, which is now in progress—viz., the erecting of an ammonia factory in Celebes.

A few months ago a Dutch newspaper, in an interesting article of Dr. Boersma, directed attention to the attempts of German industry to seize the market of nitrogenous fertilizers by contracts of many years' duration. Although this may be simply an endeavor to conquer an important market of British and American industry, it is quite possible that this may be regarded in the light of an offensive against the Indian nitrogen industry which the future seems destined to develop.

Sodium chlorate is now being used in large quantities as a weed killer. A one or two per cent solution is sprayed from a watering-can or by a large sprinkler. Considerably less copper sulfate was used for this purpose during the past season and this accounts for the recent weakness of the copper sulfate market to some extent.

Association of Chemical Equipment Manufacturers has announced that its second Chemical Equipment Exposition will be held in the Public Hall in Cleveland, May 10th to 15th inclusive, 1926. The Exposition will follow the general lines of the recent first Chemical Equipment Exposition of the Association held in Providence.

German calcium chloride manufacturers are reported to have formed a price combine and fixed the price for 70-75% material at £3 ton on lots of 50 tons, and £3 5s per ton for smaller lots.

Canada's exports of wood alcohol for the year ended March 31 amounted to 171,585 gallons, valued at \$150,456. Most of it went to the United Kingdom.

#### ITALY IMPORTED CHEMICALS VALUED AT 217 MILLION LIRE IN 1924

Increased from 181,325,773 in 1923 and 183 million in 1922—Imported Less Caustic Soda Owing to Increased Home Production—Technical Chemical Imports About Double Exports.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 5.—The total organic and inorganic chemical import trade of Italy in 1924 amounted to 217,244,255 lire, as compared with 181,325,773 in 1923 and 183,000,339 in 1922; exports reached a value of 200,444,189 lire during 1924 in comparison with 192,219,219 in 1923 and 212,068,139 in 1922 according to a report received by the Chemical Division of the Department of Commerce from the office of the American Commercial Attache at Rome. Discussing the imports and exports in more detail the report continues: "Imports of inorganic chemicals were practically double exports in point of value. While the value of imports has remained practically unchanged during the past three years, with only a slight decline in 1923 as compared with 1922, and a subsequent recovery in 1924 to the 1922 level, exports of inorganic chemicals from Italy have steadily increased in value—69,873,786 lire in 1924, as compared with 61,788,545 in 1923 and 41,838,767 in 1922. This gain is attributed largely to increased sales abroad of barium sulfate, chloride of lime, beet brine, lead oxide, copper sulfate, refined boric acid, and lead carbonate.

The following import increases were recorded in 1924, as compared with 1922: sodium bicarbonate, 60 times the 1922 figure; sodium sulfate, 75 per cent; sodium bicarbonate, 18 per cent; chloride of lime, 87 per cent; impure calcined magnesia, 170 per cent; caustic potash, 41 per cent; anhydrous aluminum oxide, 91 per cent; and borax, 214 per cent. Imports of caustic soda during the same period fell 34 per cent; potassium and sodium silicates, 37 per cent; and zinc oxide, 41 per cent.

Caustic soda is the only item in the list for which detailed figures by countries are available. The largest contributor is France—11,325 metric tons in 1924, compared with 13,824 in 1923 and 13,717 in 1922. The United States, second in importance, was the origin for 1,628 metric tons in 1924, 3,224 in 1923, and 6,879 in 1922. The decline in total imports of caustic soda may be largely attributed to an increased domestic production, while the loss of trade on the part of the United States is principally a matter of price. The Italian purchaser with a diminished consumptive need of the imported product naturally turns to those markets nearest home for his supplies.

Imports of organic chemicals showed a progressive increase in value in 1924, compared with the two previous years—85,797,524 lire, or an advance of 49 per cent over 1923 and of 71 per cent over 1922. Exports, on the other hand, were worth more than half as much again as imports. Shipments of organic chemicals, valued at 170,739,372 lire, in 1922, declined to 131,070,403 in 1924, although this figure represents a slight betterment as compared with 1923."

The use of more concentrated fertilizers is being urged by investigators who are interested in superphosphates and air nitrogen processes. These investigators, attacking the problem from the laboratory point of view fail to take into account some of the difficulties of distributing the concentrated materials over the land, according to the American Fertilizer, which feels that the old acid phosphates will remain for some time, although recognizing that chemical fertilizers are steadily coming to the fore.

Pearl Fireworks Company, Berkeley, R. I., was badly damaged by a series of explosions on July 30.

# Chemical Exports Increased 11 Per Cent in 1925

For First Half of 1925, Exports Were \$74,678,000—Imports Higher By 15 Per Cent Over Same Period—Totalled \$113,552,000—Industrial Chemicals Led the Drug and Chemical Group With 17 Per Cent of Exports and 9 Per Cent of Imports—More Ammonia, Bleach and Copper Sulfate Exported This Year

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 12—The foreign trade of the United States in chemicals and allied products during the first half of 1925 was larger than in the corresponding period in 1924. The aggregate value of exports rose 11 per cent to \$74,678,000, and imports 15 per cent to \$113,552,000 for the period January to June of this year according to the Chemical Division of the Department of Commerce. Discussing the favorable progress evident in the foreign trade of the United States in chemicals and allied products, the report continues: "Gains were made in the exports of ammonia and ammonium compounds, aluminum sulfate, bleaching powder and copper sulfate, while losses occurred in acetate of lime, calcium carbide, glycerin, and potassium bichromate. Demand for formaldehyde remained about the same although the value fell off a little due to drop in price. Sodas likewise recorded greater quantities shipped but lesser value. A sharp decline was registered in exports of methanol, only 251,000 gallons, valued at \$219,000 having been shipped abroad during the first six months of the current year. Of the more important chemicals imported probably the largest advance was made in crude potassium bitartrate, when 10,332,000 pounds, valued at \$725,000 were received during the current six months. In contrast to the exports, receipts of both calcium carbide and glycerin improved. Incoming shipments of citrate of lime were also a little below those of the corresponding period of 1925.

The industrial chemical group had one of the highest values and accounted for 17 per cent of the total exports and 9 per cent of the total imports. This group recorded but a slight change in both the exports and the imports, the former having risen 1 per cent in value to \$12,668,000 and the latter 2 per cent to \$10,965,000 for the first half of 1925. There was, likewise, but little fluctuation in foreign sales of acids and anhydrides, the value of the group having been half a million dollars. In purchase from foreign countries, however, there was a decided drop—17 per cent—to \$1,807,000. The biggest decrease in value occurred in white arsenic, the leading item of the group, although the quantity fell less than 3 per cent. The total importation during January-June, 1925 amounted to 11,814,000 pounds, valued at \$781,000.

Exports	Pounds	Dollars
Ammonia and ammonium compounds .....	2,348,800	491,806
Aluminum sulfate .....	19,278,000	230,900
Acetate of lime .....	9,043,300	282,500
Calcium carbide .....	2,842,700	117,500
Bleaching powder .....	15,712,000	258,700
Copper sulfate .....	2,865,800	131,200
Dextrine .....	11,616,000	505,600
Formaldehyde .....	1,570,000	169,400
Glycerin .....	9,119,600	1,106,900
Sodas and compounds .....	173,963,000	3,997,000
Borax .....	16,480,000	745,500
Soda ash .....	16,254,000	381,000
Sodium silicate .....	17,773,000	160,400
Caustic soda .....	46,954,000	1,428,100

Imports	Pounds	Dollars
Ammonium chloride .....	6,056,000	255,000
Calcium carbide .....	6,120,200	231,800
Citrate of lime .....	1,581,000	162,200
Glycerin .....	9,119,600	1,106,900
Caustic potash .....	6,157,300	367,600
Cream of tartar, crude .....	10,332,300	724,800
Sodium cyanide .....	17,089,100	1,471,700

## Coal-Tar Imports Twice Exports

During the first six months of 1925, twice as much coal-tar chemicals was received as was exported, when \$11,877,000 worth entered the country,—an improvement of 2 per cent over the corresponding period of 1924. Half the value of the total coal-tar imports comprised creosote oil, which commodity, however, showed a loss of 25 per cent in value. The leading items in the exports to change during the periods under discussion were benzol, which diminished one-half in value to \$629,000 (20,183,000 pounds) and dyes which improved 37 per cent to \$3,509,000 (12,741,000 pounds).

## Larger Imports of Ammonia Sulfate

Forty-one per cent of the total chemical imports and 11 per cent of the chemical exports consisted of fertilizer materials. Imports of fertilizers during the first half of the current year were 24 per cent in quantity and 20 per cent in values above those of the corresponding period of 1924. Out of the total of 1,222,000 tons, worth \$46,065,000 entering the United States during the first six months of this year sodium nitrate receipts equalled 75 per cent. Purchases from foreign countries of ammonium sulfate reflected a tremendous gain having advanced from 2,400 tons, valued at \$149,000 in first half of 1924, to 17,700 tons, valued at \$1,006,000 in 1925.

Seventy-eight thousand tons worth \$2,472,000 of muriate of potash, and 27,000 tons, worth \$1,054,000 of crude potassium sulfate were likewise brought into the country during this period. Fewer shipments of ammonium sulfate of 49,000 tons, valued at \$2,677,000 but heavier shipments of other nitrogenous materials or 4,000 tons valued at \$217,000 were made during the six months than during the period in 1924.

## Larger Exports of Naval Stores

The naval stores, gums, and resins group, one of the largest in both exports and imports, represented 18 per cent of the total exports, and 14 per cent of the total imports during the period under discussion. Outgoing shipments rose 3 per cent in value to \$13,564,000 and incoming shipments, 8 per cent to \$15,914,000 for the six months of 1925.

Rosin, which accounted for over half of the exports of this group, failed to reach the previous year's figure in quantities shipped although due to the high prices during the first six months of this year, the value of the exports was 41% or \$2,300,000 in excess of the value in the corresponding period of 1924, the total for the current half year having been \$7,870,000 (589,000 barrels). Spirits of turpentine expanded 22 per cent until a total of 5,024,000 gallons, worth \$4,777,000 left the United States destined for foreign countries.

A. P. Miller Supply Co., New York, metropolitan distributor for the ammonia products of the Mathieson Alkali Works, has sent out a card folder describing briefly the sources of ammonia and telling about their distribution service.



## The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, (see pages 438-456)

### WHITE AMMONIUM CHLORIDE HIGHER

Distressed Lots Absorbed—Copper Sulfate Advanced and Market is Firm—Formic Acid Shaded Again—Barium Chloride Lower for Shipment—Red Potassium Prussiate Down—Sodium Chlorate Firm Due to Heavy Demand as Fungicide—Zinc Chloride Remains Weak—Sodium Nitrate Firm

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Ammonium Chloride, White, 34c/lb.	Copper Sulfate, 15c 100 lb.
Declined	
Acid Formic, 34c lb.	Barium Chloride, Shpnt., \$1.00 ton
Potassium Prussiate, Red 1c lb.	

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acetic Acid, Glacial ..lb.\$	.10	.10	.10	.11	.19	.07
Sulfuric Acid, 66 deg..ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.45	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.80
Copper Sulfate, c/l 100lbs.	4.45	4.30	4.30	4.60	20.00	4.50
Potash, Caustic, Imp...lb.	.07 1/2	.07 1/2	.07 1/2	.06 1/2	.87	.08
Soda Ash, 58 p.c....100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c.100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate ..lb.	.08 1/2	.08 1/2	.08 1/2	.09 1/4	.65	.06 1/4
Sodium Prussiate, Imp. lb.	.10 1/2	.10 1/2	.10 1/4	.09 1/2	1.25	.18
Average .....	2.906	2.891	2.891	2.888	10.79	2.99

Demand and inquiry for industrial chemicals recovered sharply from its reaction of last week and factors were reporting greatly improved conditions in all quarters. Domestic factors reported a noticeable increase in contract withdrawals and importers and dealers were reporting firmer markets on practically the entire list. Removal from the market of distressed lots of various products under a fair demand caused stronger hands to hold their supplies more closely. In all directions very optimistic reports are heard in regards to business for the coming Fall. Barium salts remain one of the few weak spots in a rising market due to ruthless competition for business among foreign producers who are anxious to book business at any price. Distressed lots of white ammonium chloride have gradually been absorbed and the market is higher and firm in all directions. Copper sulfate manufacturers have firmed up considerably in their prices owing to the continually advancing copper market and recent low quotations can no longer be done. Interest continues to lag in arsenic and it is difficult to tell what could be done. Prussiates are unchanged and competition from imported potassium prussiate continues to depress that market. Lower prices have been quoted for prompt shipment of domestic sodium prussiate but the spot situation is firm.

**Acetone**—Market remains firm under heavy demand for all available offerings and prices are being maintained at recent figures for both the fermentation and acetate of lime products.

**Acid Formic**—Market slightly slower due to large importers meeting the low-priced sellers down to 10 3/4c lb for 90% acid.

**Acid Oxalic**—Market remains in a firm condition at

prices of 10 3/4c@11c lb for imported and domestic products.

**Acid Nitric**—Contract withdrawals reported as quite satisfactory by manufacturers who are maintaining their schedules fairly well.

**Alum Potash**—Situation very firm on imported material and spot stocks are being held at unchanged prices.

**Ammonium Chloride**—Market firmer and distressed lots of white have been absorbed. Nothing is obtainable in any direction under 5 3/4c lb and many holders ask 6c@6 1/4c lb. Gray material is also firmer but 6 1/2c@6 3/4c lb can still be done.

**Arsenic**—Movement of supplies at a standstill and although quoted prices are without change, it is difficult to tell just what price would be accepted. Imported material is nominally 3 3/4c@4c lb; and domestic is 4 1/2c@4 3/4c lb.

**Barium Salts**—Chloride is lower for shipment at \$56.00 @ \$57.00 ton. Spot market very weak and interest is lacking due to the unsettled condition. Quotations remain at \$57.00 ton ex-dock, and \$58.00@ \$60.00 ton ex-store. Carbonate is still offered at \$45.00 ton for shipment, and spot goods are weak at \$47.00 ton.

**Copper Sulfate**—Market higher due to large makers being unwilling to sell goods at recent low prices with the copper market at present high prices. Large crystals are unobtainable in any direction under \$4.45@ \$4.50 100 lb in carlots, and it is doubtful that the lower figure can be done in many instances. Low priced sellers are about unloaded and are also quoting higher prices. Less carlots are being offered at \$4.70@ \$4.75 100 lb.

**Epsom Salts**—Market for imported material remains dull and recent low prices can still be done. Domestic makers are maintaining their prices in all transactions.

**Glauber's Salt**—Domestic makers report a continuance of firm conditions that have prevailed all year and are unwilling to shade quotations due to smallness of stocks. Imported material is obtainable at recent low prices on spot and shipment remains available at 70c 100 lb.

**Potassium Carbonate**—No change from the firm condition reported although the demand is only routine. Spot and shipment quotations are unchanged.

**Potassium Chlorate**—Market firm in both imported and domestic quarters and a heavy demand for all available offerings continues.

**Potassium Prussiate**—Offerings of yellow are still obtainable at 18c lb on spot and in some cases this figure has been shaded. Red prussiate is firm at lower prices of 36c@37c lb as to seller and quantity.

**Soda Ash**—Manufacturers are reporting a steady movement of goods against contracts and quote firm unchanged prices.

**Sodium Acetate**—Market remains in a weak condition and recent low prices can still be done.

**Sodium Chlorate**—Heavy demand continues due to its heavy use as fungicide. Imported and domestic factors quote firm unchanged prices.

**Sodium Nitrate**—Market very firm on spot and for shipment and quotations remain at recent figures.



of domestic material was offered during the week at 10¼c lb. Heavy consuming demand is reported in all quarters.

**Zinc Chloride**—No change in the situation and imported material is in large supply on spot and the market is very weak.

### PETITION FOR SILICOFLUORIDE DUTY (Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—Applications filed with the Tariff Commission in connection with the request for an increase in the tariff on sodium silicofluoride, have just been made public by the Commission. These applications were filed by the Southern Alkali and Chemical Co., of Savannah, Georgia, the Oconee Alkali and Chemical Co., of Athens, Ga., and J. S. Brogdon, a chemist of Atlanta. The Oconee company tells the Commission that during the war "we enjoyed a very nice profit out of this business" but states that it is unable to renew contracts at 6 cents f. o. b. Athens, because of "foreign competition". The firm asks for relief. A similar story is told by the Southern Alkali and Chemical Co.

### RUSSIA BUYING MORE SULFUR

(Special Correspondence to Drug & Chemical Markets)

Catania, Sicily, July 18.—Fair business is being done in sulfur, and exporters are gaining by the higher value of the dollar and pound sterling. The Customs exemption on Italian exports to Russia and the strong demand from that country for sulfur and flowers of sulfur, the refineries will be busy for some time. During 1924 Italy exported to Russia 2,000 tons of sulfur, and this year the Russian Commercial Delegation has increased its orders. Quotations are as follows per 100 kilos:

Refined sulfur in blocks, lire 62; refined sulfur in turnings, lire 64; sublimed sulfur, lire 74; double refined ground sulfur, lire 72; ground floristella sulfur, lire 64; raw ground sulfur, lire 64; sophisticated raw ground sulfur, lire 63; double refined ventilated sulfur, lire 781. All prices are for goods on board ship, or in the station at Catania, sacks calculated as sulfur.

Anhydrous sodium sulfate is being recovered from lakes in Canada and shipped to the United States and Eastern Canada over Canadian Pacific Railway. These lakes were formerly referred to as alkali lakes and were not thought to be of commercial value.

Texas Gulf Sulfur Co. is enlarging its terminal facilities in anticipation of larger business due to the abandonment of Union Sulphur's Louisiana deposits which have dwindled considerably recently.

Japanese production of caustic soda rose from 19,051 short tons in 1922 to 21,373 in 1923 and 23,606 in 1924. Consumption varied during those years somewhat but the imports from other countries fell off considerably.

Exports of arsenic from Canada to the United States during the year ended March 31 last were valued at \$206,378 and totalled 26,431 cwts. This was the total Canadian exportation.

Potash sales for July by the German Syndicate are estimated at 100,000 tons, against 47,000 tons for July 1924. American orders have increased, and Brazil has been buying for the first time.

Sales of talc and soapstone in Canada during 1924 amounted to 11,332 tons valued at \$154,480 as against 10,366 tons valued at \$150,507 in 1923.

Standard Fertilizer Co., Reading, Pa., has taken over the factory of Home Fertilizer Co., Baltimore, and is operating the plant.

### INCREASE IN METHANOL PRODUCTION

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—June production of methanol amounted to 552,365 gallons as compared with 492,902 gallons produced in the same month of last year. Shipments of methanol in June of this year amounted to 532,835 gallons as compared with 472,285 in the same month of last year, while stocks on hand at the end of June this year totaled 1,729,206 gallons as compared with 2,368,760 gallons in the same month of last year. Acetate of lime production in June of this year amounted to 10,821,839 pounds while shipments for the month amounted to 12,735,014 pounds and stocks on hand at the end of the month totaled 16,453,025 pounds. Wood consumption for June in the wood chemical plants amounted to 59,538 cords while stocks on hand at the end of the month amounted to 537,246 cords.

### MAY LED IN METHANOL IMPORTS

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—Methanol import figures into the United States, as announced by the Chemical Division of the Department of Commerce, show that for the entire year of 1924 only 48 gallons were imported valued at \$29. In January of this year, 40 gallons valued at \$26 were imported, in February, 62,971 gallons valued at \$29,420. The figures for March, April, May and June are preliminary and cover four principal Atlantic Coast Customs Districts. In March, imports amounted to 69,886 gallons valued at \$26,976; in April, 9,012 gallons valued at \$5,201 in May, 115,120 gallons, valued at \$52,917 and in June, 61,046 gallons valued at \$26,504.

### CAN FILE MULTI-UNIT BRIEFS TO SEPT. 1

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—Briefs on the multi-unit tank car rate case, now before the Interstate Commerce Commission, may be filed up to Sept. 1. The petroleum interests and a large paper company are opposing the chemical industry position on multi-unit tanks very vigorously, and are urging reclassification of the multi-unit cars which will mean a higher freight rate. The paper company in question makes its own chlorine.

### AMMONIA BIDS OPEN UNTIL AUG. 18

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—The Bureau of Supplies and Accounts, Navy Department, will receive bids on August 18, for 5,000 pounds of liquid anhydrous ammoniac.

Exports of Chilean nitrate of soda for the first half of July were 175,000 tons, as against 103,000 for the same period in 1924 and 110,000 tons in 1923. United States received 63,000 as against 45,000 last year, and 102,000 went to Europe and Egypt as against 58,000 last year.

The United States imported from Canada 1,461,301 cwts. of cyanamid, valued at \$3,389,300, in the year ended March 31st last. The value of all fertilizers exported by Canada was \$4,196,201, of which \$3,722,398 worth went to the United States.

J. T. Baker Chemical Company has been awarded the contract by the Bureau of Supplies and Accounts, Navy Department for furnishing 10,000 pounds of potassium sulfate at \$1,200 bids for which were received on July 14.

Celluloid is to be produced at the rate of 2,000 kilos per day at the newly completed plant of Societa Italiana della Celluloide, at Gournate Superiore, Italy.

## The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals pages 438-464

### BENZENE CONTINUES AT VARYING PRICES

**Heavy Demand From Motor Fuel Blenders the Cause—Industrial Demand Not So Heavy—Toluene in Large Supply But Prices Are Firm—Spot Pyridine Strong—Shipment Lower—Naphthalene Weak, Cresylic Acid Unsettled—Phenol Easy—Intermediates Dull and Prices Are Soft**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined  
Pyridine, Shipment, 20c gal.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure .....gal.	\$.25	\$.25	\$.25	\$.25	\$1.10	\$.25
Naphthalene flake ....lb.	.04½	.04½	.05	.05	.16	.03
Phenol Spot .....lb.	.23	.22	.23	.25	1.50	.06
Toluene .....gal.	.26	.26	.26	.26	..	..
Aniline Oil .....lb.	.16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine .lb.	.35	.35	.35	.35	1.28	..
Benzaldehyde .....lb.	.70	.70	.70	.70	..	..
Betanaphthol .....lb.	.24	.24	.24	.26	1.50	.08
Dimethylaniline .....lb.	.32	.32	.32	.34½	1.30	..
Paranitroaniline .....lb.	.57	.57	.58½	.68	1.68	.18
Average .....	0.312	0.312	0.315	0.331	..	..

The benzene situation continues to feature the market for crudes due to the heavy demand from motor fuel blenders and the varying quotations from distributors. While the gasoline market has shown some signs of softening, prices are being fairly well maintained, and blenders are paying pure product prices for motor benzene. Some factors are quoting unchanged prices and do not anticipate any advance but expect prices to remain at present figures throughout the balance of the year. Other factors are quoting higher prices due to the mills demanding a premium for pure products. Toluene remains easy owing to the lessened industrial demand, but excess supplies are being absorbed in motor fuel and therefore prices are firm. Pyridine is firm and very strong on spot but shipment prices are lower. Naphthalene is weak due to the heavy stocks and slight demand of the past season. Cresylic acid and phenol are not arousing any interest.

Intermediates are moving in a routine fashion and shading of several items is indicated. Excess supplies of nitrobenzene are being offered by a manufacturer of nn anti-knock compound and this has caused some easiness in this product although large makers are firm in their quotations. Para-toluidine, para-nitroaniline, and para-nitrotoluene remain in an unsettled condition. A contract for ortho-toluidine is reported to have been closed by a large manufacturer at 25c lb.

#### Crudes

**Benzene**—Situation shows no change from last week and one large distributor of pure products still quotes 24c gal. for 90% in tanks at mills, and 25c gal. for pure while another large distributor quotes 25c gal. for 90%, and 28c gal. for pure owing to the mills being unwilling to accept anything lower because of the high prices being bid for motor benzene. A few sales have been reported at the higher prices but the large volume of it

is going through at the lower figures. The gasoline market remains rather unsettled but no real break has occurred as yet.

**Cresylic Acid**—Unsettled condition continues owing to large quantities being present in the market on consignment and shipment of 97-99% pale acid being quoted at 49½c. Demand remains of a routine character.

**Naphthalene**—Market remains weak due to large stocks in makers' hands at the close of the season. Prices range from 4½c lb to 5c lb for flake, and a cent higher for balls.

**Phenol**—Easiness continues to be present in this market and makers are booking business at recent decline to 22c lb in large drums, and 23c lb in small drums.

**Pyridine**—Spot market remains strong at last week's advance to \$4.70 due to further concentration of spot stocks. Shipment is easier however, and October arrivals are offered at \$4.20@4.35 gal. There is no shortage abroad and the present situation is only temporary and will be relieved as soon as arrivals increase.

**Solvent Naphtha**—Situation steady and prices show no change in any direction.

**Toluene**—One large distributor is offering material freely at unchanged prices, while another distributor is quoting 28c gal. owing to strong market for motor benzene.

#### Intermediates

**Acid Cleve's**—Steady situation being maintained by makers who quote prices at unchanged figures.

**Acid Gamma**—Fair sized demand reported by manufacturers who quote prices firm at recent reduction.

**Acid H**—All makers quote prices firm and without variation. Only moderate routine demand is reported in most quarters.

**Aniline Oil**—Market steady and makers continue to quote firm prices of 16@17c lb.

**Beta-naphthol**—Demand continues of fair proportions and manufacturers name firm unchanged prices.

**Dinitrobenzene**—Sharp competition is reported by makers who are maintaining their schedules in most instances.

**Dimethylaniline**—Movement of supplies is reported as satisfactory and prices show no variation in any direction.

**Meta-toluylenediamine**—Quotations are firm at recent reduction to 73c@77c lb as to sellers and makers report only a fair demand.

**Nitrobenzene**—Market unsettled owing to supplies being unloaded by a maker of an anti-knock compound. Manufacturers are unwilling to compete with this business and quote firm unchanged prices since the distressed material will be quickly absorbed.

**Ortho-toluidine**—A large producer reports closing a contract for this item at 25c lb. At this price a maker can very nearly afford to throw away the para salt. Interest generally is lacking in this product due to the high prices and other products are being substituted for it in the flotation process.

**Para-nitroaniline**—Competition keen and prices down to 57c lb are still reported.

**Para-toluidine**—Offerings remain large and the market is weak. Recently reduced prices of 65@68c lb are being cut sharply in some directions.

### RESTRICT CHEMICAL EXPOSITION TICKETS

Two types of tickets will be issued for the Chemical Exposition which is to be held this year at the Grand Central Palace, New York, during the week of Sept. 28th to Oct. 3rd. General admission tickets will be subject to restrictions, being good only after six o'clock in the evening until closing time, 10:30 P. M. each day. Between twelve noon, when the Exposition will open daily, and 6 P. M., admission will be by special invitation only. Cards of special invitation will be issued to all exhibitors at the Chemical Exposition for limited distribution. On these invitations will be printed the name of the firm which issues them and space will be left for the signature and business connection of the guest. Such invitations will be good for admission at any time from 12 noon until 10:30 P. M.

During the afternoon hours of all former expositions, crowds have been only a fraction of those which attend in the evening. For this reason, the afternoon sessions will be reserved exclusively for those whom exhibitors particularly wish to have present. Only in the evening will it be possible for the general public or others to purchase tickets of admission.

### TO STABILIZE EUROPEAN BENZOL PRICES

Negotiations are said to be in progress whereby it is expected that the Benzol Verband will enter an agreement with Belgian, French, and British producers, to stabilize prices on the European market, says the Chemical Division, Department of Commerce. Production of benzol in Germany in 1924 amounted to 154,000 tons, against 109,000 tons in 1923, 212,000 tons in 1922, and 120,000 tons in 1913, according to figures furnished by the Benzol Verband of Bochum, controlling from 80 to 90 per cent. of the local production. Increased production in 1924, compared with 1923, is, of course, explained by the recovery of industry as a result of the relaxation of occupation control, the benzol producers being largely located in the occupied section of Germany. Sales, however, were adversely affected by the customs barrier maintained by occupation authorities until September 10, 1924.

There is a better undertone in the Boston chemical market, which coming at the peak of the summer dullness is regarded as encouraging. Further stimulus is found in the operation of certain Lynn, Mass., shoe factories on Saturdays. For the last three years all day Saturday has been a holiday among shoe factories in that section and the inauguration of a working Saturday is evidence of improved business. Prices are well maintained. The improvement in the textile industry of New England which has been quite pronounced during the week has not yet been reflected in the demand for dyestuffs but as nearly all mills are known to be carrying very light stocks, demand is certain to improve.

Russo-German trade in dyestuffs is to be facilitated by the establishment of consignment warehouses in Moscow. Stocks there now amount to 500,000 kilograms of colors valued at 3,000,000 rubles.

The Paint and Varnish Division of E. I. duPont de Nemours & Co., held its annual sales convention at Wilmington, Aug. 3 and 4.

Sixty employees of the color shop of the Pacific Mills, Lawrence, Mass., struck August 3 as a protest against a 10 per cent wage reduction.

### DYE IMPORTS CONTINUE TO INCREASE

**July Figures Well Over June, and Substantially Higher Than July of Last Year—Increase in Year is About 175%—For First Seven Months of 1925, Imports Were More Than Double Same Period in 1924**

(Special to DRUG & CHEMICAL MARKETS)

Washington, Aug. 12—Imports of dyestuffs continue to show large increases, according to figures of the Chemical Division of the Department of Commerce and the Tariff Commission. July shows a gain over June and a gain over July of last year amounting to 175%. For the first seven months of 1925, dye imports were more than double the quantities of the same period in 1924.

Total imports through the usual ports last month were 396,434 pounds valued at \$372,384, which compared with 376,668 pounds valued at \$333,654 in June, 1925, and with 143,680 pounds valued at \$139,558 in July, 1924. In addition, imports through Albany, N. Y., from March to July, both inclusive, were listed in July, being 279,409 pounds, valued at \$320,231 in the five months. The comparatively heavy importations through Albany are significant in view of the recent beginning of consolidations in the American dyestuff field.

Dye imports for the seven months of 1925 ended with July aggregate 3,178,994 pounds, valued at \$3,013,459, which compares with 1,359,639 pounds valued at \$1,383,442 in the corresponding seven months of 1924, which was before the tariff was reduced last September.

The five leading dyes by quantity imported in July including five months' imports at Albany, were: alizarin blue black, 21,819 pounds; helindone orange R, 16,400 pounds; algol brown R, 14,198 pounds; ciba violet B R, 14,196 pounds, fast green extra bluish, 13,974 pounds.

Excluding Albany imports, Germany was the country of origin of 57 per cent of the dyes imported in July; Switzerland, 32 per cent; England and Canada, 3 per cent each; Italy, 2 per cent; France, Belgium, and Holland, 1 per cent each. Practically all of the dyes imported at Albany came from Germany.

Coal tar dyes remaining in bonded customs warehouses at the end of June were 825,528 pounds, and intermediates 1,171,383 pounds, which compares with 559,661 pounds of dyes and 1,111,656 pounds of intermediates on last Sept. 30, just after the duty was reduced.

### AWAIT RULING ON BENZOL IMPORTS

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 12—The question of the classification on motor benzol has been put up to officials of the Customs Service, Treasury Department. The collector of the port at which the importation was made assumed that this was a mixture comprised of benzene, toluene, xylene, and cymene, while the importers are claiming that the benzol is a direct product from coal-tar and as such can be imported free of duty. It is expected that a ruling on this question will be made very shortly.

"Progress and Modern Tendencies of the Tanning Industry" is contained in the July issue of "Dyestuffs" published by National Aniline & Chemical Co. Other articles include "Stains on Chrome Leather," "Dyeing of Silk Dress Fabrics," "Treating Rayon in the Piece," "Grading of Dyed Shades," "Some Points as to Dyeing Silk," and "Foam Dyeing."

Frank A. Weller of Sharon, Pa., was again elected president of the Eastern State Dyers and Cleaners Association at the annual convention last week at Atlantic City, N. J.



## The Oil Market

Current Spot Quotations of Oils, Greases, pages 456-457

### NEATSFOOT AND OLIVE OILS HIGHER

Olive Oil Foots Down on Spot and For Shipment—Linseed Oil Up—New Crop Report Bullish—Castor Oil Lower—Menhaden and Sperm Oils Down—White Sesame Oil Lower, Yellow Higher—Lard Oil Cut—Chinawood Oil Firm—Consuming Demand Slight

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Chinawood Oil, Tanks, Coast $\frac{1}{2}$ lb	Neatsfoot Oil, 20 c. t., $\frac{1}{2}$ lb.
Lard Oil, Extra, 1c lb.	Olive Oil, denatured, 3c gal.
Linseed Oil 2c gal.	Sesame Oil, Yellow, $\frac{1}{4}$ c lb.
Declined	
Castor Oil, $\frac{1}{2}$ c lb.	Menhaden Oil, Refined, 6c gal.
Lard Oil, Edible Prime, 1c lb.	Olive Oil Foots, $\frac{1}{4}$ c lb.
Lard Oil Off Prime, 1c lb.	Palm Oil, Niger, $\frac{1}{4}$ c lb.
Menhaden Oil, $\frac{1}{4}$ c gal.	Sesame Oil, White, 1c lb.
	Sperm Oil, 2c gal.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F. ....gal.	.62	.62	.62	.59	\$1.26	\$.26 $\frac{1}{2}$
Degras, American, bbl.lb.	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.23	.03 $\frac{1}{2}$
Lard No. 1 ....gal.	.96	.96	.91	.88	2.90	.92
Menhaden, crd. tks....gal.	.53 $\frac{3}{4}$	.55	.55	.50	1.20	.33
Neatsfoot, 20 deg. c. t. gal.	1.26	1.22 $\frac{1}{2}$	1.22 $\frac{1}{2}$	1.46	8.45	.95
Red Oil, distilled ....lb.	.12 $\frac{3}{4}$	.12	.12	.09 $\frac{1}{2}$	.17	.07
Stearic Acid, T. P. ....lb.	.17	.16 $\frac{3}{4}$	.16 $\frac{3}{4}$	.13 $\frac{1}{4}$	.33	.12
Coconut, Ceylon, bbls.lb.	.10 $\frac{1}{4}$	.10 $\frac{1}{4}$	.10 $\frac{1}{4}$	.10 $\frac{1}{4}$	.30	.14
Cottonseed, crude, tanks lb.	.09 $\frac{3}{4}$	.09 $\frac{3}{4}$	.09 $\frac{3}{4}$	.11 $\frac{1}{2}$	.25	.08
Linseed, crude ....gal.	1.03	1.01	1.01	1.02	1.85	.57
Olive, denatured ....gal.	1.18	1.15	1.15	1.25	4.50	1.05
Peanut, refined ....lb.	.15	.15	.15	.16	.30	.08
Soya Bean, bbls. ....lb.	.13	.13	.13	.12 $\frac{3}{4}$	.19 $\frac{1}{4}$	.07

Average ..... 4.99 4.84 4.87 4.90 5.92 1.56

Slight reactions were suffered both in vegetable and animal oils during the week although in neither group did any real weakness develop. The animal group remains in a strong position and tallow continues at recent high prices. Lard oil is lower and neatsfoot oil is higher. Among the vegetable oils, palm Niger has eased off slightly although prices are still at high level. Chinawood oil is firm and tanks are higher at the Pacific Coast. Olive oil foots have declined on spot and for shipment in sympathy with the lira. Olive oil is higher and in increased demand. Castor oil has been shaded further owing to the unusually small demand. Consuming interest is slight on the entire list and factors are of the opinion that consumers are uncovered as to their Fall requirements and will be forced into the market in large numbers very soon. New crop menhaden oil is coming through and prices are lower on the crude and refined products. Sperm oil is also lower. An active demand is reported for the fish oils and the market is quite firm.

#### Vegetable Oils

**Castor Oil**—Further shading of prices reported owing to the dull condition of the market and prices are now quoted at 16c@16 $\frac{1}{2}$ c lb for No. 1; 15 $\frac{1}{2}$ c@16c lb for No. 3.

**Chinawood Oil**—Market steady and tanks are quoted slightly higher at Pacific Coast, holders naming 11 $\frac{1}{2}$ c@12c lb. Quotations on barrels remain at 13 $\frac{1}{2}$ c@13 $\frac{3}{4}$ c lb.

**Cocoanut Oil**—Fair demand reported by importers who are quoting unchanged prices on all grades.

**Cottonseed Oil**—Firm condition continues in prime

summer yellow oil and August oil is slightly higher at 11.68c@11.70c lb. Futures show but slight variations in either direction and opening prices this week are: Sept. 11.68c@11.70c lb; Oct. 11.20c@11.22c lb; Nov. 10.70c@10.80c lb; Dec. 10.74c@10.80c lb; Jan. 10.78c@10.80c lb; Feb. 10.82c@10.95c lb; March 10.85c@11.05c lb. Crude oil remains nominal at 9 $\frac{3}{4}$ c lb.

**Linseed Oil**—Prices were maintained at \$1.03 for carlots of bbls. throughout the greater part of the week although some business went through at the end of last week at \$1.01. The government report, while bullish, was about what had been anticipated and therefore its effect will probably be slight. Factors are of the opinion that it might be well to cover September and half of October requirements at present prices but beyond that is a gamble. Seed markets opened as follows: Winnipeg Oct. \$2.46 $\frac{1}{4}$ ; Dec. \$2.36 $\frac{1}{2}$ ; May \$2.44 $\frac{1}{2}$ ; Duluth Oct. \$2.68 $\frac{1}{2}$ ; Nov. \$2.68; Dec. \$2.63 $\frac{1}{2}$ ; Minneapolis Oct. \$2.63; Buenos Aires Sept. \$2.22. London quotes oil at 43s 112 lb; and Antwerp at 430f 100 kilos.

**Olive Oil Foots**—Spot goods as well as shipment are lower due to the decline in the lira. Offerings are quoted at 8 $\frac{1}{2}$ c@8 $\frac{3}{4}$ c lb on spot and 8 $\frac{1}{4}$ c@8 $\frac{3}{4}$ c lb for shipment. Consuming demand is very light.

**Olive Oil**—Denatured oil is quoted higher at \$1.18@ \$1.20 gal. as to quantity. A fairly heavy demand is reported. Edible oil is in steady demand at unchanged prices.

**Palm Oil**—Niger is lower at 8 $\frac{3}{4}$ c lb owing to recent heavy arrivals but a fair demand is reported. Lagos quotations are firm and unchanged in most quarters.

**Peanut Oil**—Market strong and prices are very firm in all directions.

**Rapeseed Oil**—Prices are being maintained at recent advance by all holders of goods. A satisfactory demand is present in the market.

**Sesame Oil**—Yellow oil is higher at 13 $\frac{1}{4}$ c@13 $\frac{3}{4}$ c lb as to quantity. White oil is lower at 14 $\frac{1}{2}$ c@15c lb.

**Soya Bean Oil**—Importers quote firm unchanged prices but report only a slight request for supplies.

#### Animal Oils

**Greases**—Makers report a demand equal to production and quote firm unchanged prices on all grades.

**Lard Oil**—Edible prime oil is lower at 20c lb; and off prime is also lower at 19 $\frac{3}{4}$ c lb owing to a slight accumulation of supplies in producers' hands. Extra has been advanced to 16 $\frac{3}{4}$ c lb. Other grades are firm and unchanged.

**Neatsfoot Oil**—Makers have advanced 20° c. t. oil to 18c lb owing to an increased demand. Other grade oils are moving in a satisfactory way and prices are without change.

**Red Oil**—Demand reported as good for the Summer season, and makers quote prices firm at last week's advance.

**Stearic Acid**—Makers report a fair demand for supplies and quote prices firm at recent advance.

**Tallow**—Market holds at 9 $\frac{3}{4}$ c for city extra loose and there is no change from the strong position of last week. Edible tallow holds firm at 11 $\frac{1}{2}$ c lb.

**Tallow Oil**—Quotations unchanged and market is firm owing to a continued heavy demand for all offerings.



**Fish Oils**

**Cod Oil**—Fair activity reported and holders of supplies name unchanged prices.

**Menhaden Oil**—New crop oil is now coming through and manufacturers quote lower prices on all grades. Crude oil is quoted at 53½¢ gal. in tanks; light pressed is quoted at 70¢@72¢ gal.; yellow bleached at 73¢@74¢ gal.; extra bleached at 75¢@77¢ gal.

**Sperm Oil**—Lower quotations given by dealers who name 87¢@89¢ gal for 38°; and 85¢@87¢ gal. for 45° c. t.

**OLIVE OIL FOOTS FUTURE UNCERTAIN**

According to principal traders in vegetable oils prices on many products are due to rise with the approach of the Fall and others should tend downward before. Palm oil prices have been at high levels for some time and factors have been of the opinion for some time that they will break, but thus far this has not happened. Olive oil foots are apparently a good buy at present quotations and higher prices are quite generally predicted for the Fall. However spot stocks of foots are reported to be of enormous proportions and the only thing that keeps the market up is the strength of the holders. If consumers continue to buy for shipment as they have for some time past and are to a great extent covered for Fall requirements without buying spot goods, these goods will have to be unloaded, and thus the market may break in the time of heaviest consumption. Lower prices for the lira have brought a recent decline and bottom is not thought to be reached. Some factors express the opinion it will go as low as 3.40 and then rebound. Most certainly this would be the time for a consumer to cover and not take a chance on the spot market even though it does look unsettled. More than likely if the lira does go to very low levels, foreign producers will raise their quotations so that the price here will be the same.

**ALCOHOL NOT HIGH COMPRESSION FUEL**

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—In recent comment on alcohol as a fuel for internal-combustion engines, it has been implied that a high compression ratio is necessary. That this is not true is fortunate, say officials of the Bureau of Standards, "as manufacturers would be very loth to alter their engines in such fashion as to render them unsuitable for operation with gasoline." Discussing this question further officials of the bureau continue; "The fact is that alcohol permits, but does not require, the employment of a much higher compression ratio than gasoline. Should alcohol or other fuels of equal anti-knock value become generally available compression ratios could be increased, and as a consequence higher efficiencies could be attained. In the meantime the chief advantage to be derived from the use of anti-knock fuel is that it permits satisfactory operation with an engine too badly carbonized for satisfactory operation with gasoline. "The use of alcohol requires larger metering jets or a larger needle valve opening in the carburetor. This is necessary both for the reason that alcohol is more viscous than gasoline and air. For much richer mixture of alcohol and air is required for complete combustion than of gasoline and air. Fortunately this change can be made ordinarily with little difficulty."

Exports of soda and sodium compound from Canada to the United States during the year ended March 31 last, amounted to 246,746 cwts., valued at \$1,716,745.

**FLAXSEED REPORT DOWN 2,600,000 BU.**

Government flaxseed report issued Monday estimates production at 23,500,000 bushels; against the previous estimate of July 1 of 26,100,000 bus.; and a final crop report of last year of 30,173,000 bus. Condition of the crop is placed at 75.4 against a condition of 81.6 on July 1, and the yield is given as 7.6 bus. per acre; against 7.5 a month ago.

While the report is of a bullish nature, it was anticipated in the trade and consequently it is expected to exert only a very slight influence on prices.

**TO FIX NAVAL STORE STANDARDS NOV. 16**

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—A public hearing will be held on standards for naval stores for which no standards are established by the Naval Stores Act, at the Bureau of Chemistry, Nov. 16, according to a recent notice approved by the Secretary of Agriculture. The text of the notice follows: "Pursuant to the authority vested in the Secretary of Agriculture by The Naval Stores Act of March 3, 1923, notice is hereby given of the purpose to establish for certain kinds of rosin the United States standards herein after set forth:

Specky rosin is rosin of the types heretofore prepared and recommended under existing law by or under the authority of the Secretary of Agriculture and contains visible extraneous matter. The various grades of specky rosin from the highest to the lowest shall be designated as follows: X WW WG N M K I H G F E D B and OP, together with the designation gum rosin or wood rosin as the case may be.

Crystal rosin is rosin of the types heretofore prepared and recommended under existing law by or under the authority of the Secretary of Agriculture and which contains visible crystals of abietic acid. The various grades of crystal rosin from the highest to the lowest shall be designated as follows: XCr WWCr WGCr NCr MCr KCr ICr HCr GCr FCr ECr DCr BCr and OPCr, together with the designation gum rosin or wood rosin as the case may be.

Where crystal rosin is also specky as defined under the standard "Specky Rosin" the various grades of such rosin from the highest to lowest shall be designated as follows: XCr WWCr WGCr NCr MCr KCr ICr HCr GCr FCr ECr DCr BCr, and OPCr, together with the designation gum rosin or wood rosin as the case may be.

Arguments for or against the establishment of the proposed standards may be submitted in person, by attorney, or in writing on or before Nov. 16, 1925. A public hearing will be accorded those who wish to be heard at 10 a.m. on Nov. 16, 1925, at the Bureau of Chemistry, Washington, D. C."

Crude cottonseed oil exported during the eleven months' period ending June 30, totaled 22,955,966 lbs., against 23,406,602 lbs. for the same period a year ago. Refined oil exported during the same period totaled 28,363,608 lbs., against 14,207,753 lbs. for the previous year. Cake and meal amounted to 437,520 tons, against 119,773 tons; and linters 186,608 bales, against 107,238 bales.

June exports of naval stores, gums and rosins were valued at \$2,808,942 compared with \$2,561,679 exported during the same month last year, according to the Department of Commerce. For the twelve months ended June this year the value of naval store exports is \$28,783,444 compared with \$23,179,263 for last year.

The Pine Institute, which is to have its home office at Wilmington, Del., has been chartered under the laws of Delaware to conduct engineering chemical institutes. There is no capital stock.

## Miscellaneous Raw Materials

Heavy Chemicals 438-456, Tan and Dyestuff 438-456, Fatty Oils 456-457

### BRISK DEMAND FOR RUBBER TRADE

Prices Generally Firm at Unchanged Figures—Other Trades continue normal—Agricultural Materials Scarce and Higher—Metals Higher—Increased Inquiry Evident in Other Lines—All Grades Rosins Advanced

#### PRICE CHANGES IN NEW YORK (Stock in First Hands)

##### Advanced

Antimony, $\frac{1}{4}$ lb.	Rosin: B, E, H, 35c 280 lb.
Blood, S. A., 15c unit.	D, I, 30c 280 lb.
Copper, $\frac{1}{4}$ c lb.	F, G, 40c 280 lb.
Fish Scrap, 5c unit	K, 20c 280 lb.
Lead, $\frac{1}{4}$ c lb.	M, 10c 280 lb.
Nitrogenous Material, 20c unit.	N, 5c 280 lb.
Tankage, Chi., 5c unit.	WC, 25c 280 lb.
Turpentine, $\frac{1}{4}$ c gal.	WW, 15c 280 lb.
Zinc, $\frac{1}{4}$ c lb.	

##### Declined

Tankage, N. Y., 5c unit.

The market for raw materials used in the consuming industries shows little change of vital importance. Demand is very brisk from the rubber trade, with ammoniates used by the fertilizer industries scarce and higher. The paper, glass and lacquer and varnish trades continue normally active while textile and leather industries are dull. Some increased inquiry is evident from the latter however, with expectation from the dealers of improved conditions in the fall. Metals are generally higher and pigments are firm with some advances looked for in the lead pigments before long, due to the position of the

lead market. Naval stores show little change except for advances in all grades of rosins. The general feeling may be taken as one of looking forward to better business conditions as soon as the vacation period and usual summer slackness are over.

### ACCELERATORS

Aldehyde Ammonia — Market fairly steady at unchanged quotations of 90c@93c lb.

Diortho-tolylguanidine—Maker reports a heavy demand and quotes \$1.10@\$1.13 lb. as to quantity.

Diphenylguanidine—All makers are maintaining prices at unchanged figures of 95c@98c lb. and report a heavy demand.

Ethylidene Aniline—No change from the firm condition reported and makers quote 62c@65c lb.

Formaldehyde Aniline—Market firm under a steady consuming demand and quotations show no variation in any direction.

Hexamethylene—Market only barely steady at 80c@82 $\frac{1}{2}$ c lb. and shading of these prices is reported in some instances.

Para-phenylenediamine—Fair demand reported by makers at recent decline to \$1.20@\$1.25 lb.

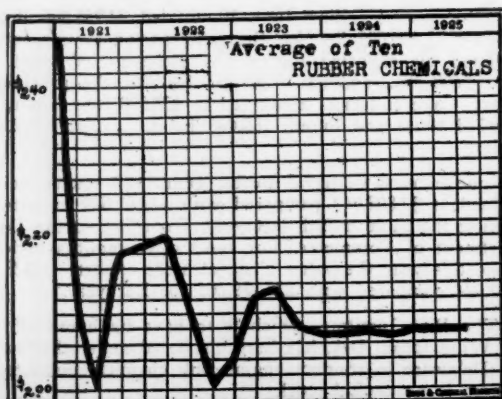
Piperidine Pentamethylene Diortho Carbamate—Manufacturers are quoting unchanged prices of \$4.75@\$5.00 lb. and report an increased demand.

Triphenylguanidine—Situation unchanged and competition is quite sharp although quotations are being maintained in practically all directions.

## Rubber Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony, Sulfide Crim..	\$3.39	\$3.39	\$3.39	\$3.39	\$4.45	\$3.39
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black cases wks..	.07	.07	.07	.10	.30	.14
China Clay, Imp.....	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	1.35	..
Iron Oxide, Span .....	.03	.03	.03	.03	.04 $\frac{1}{2}$	.05
Lithopone .....	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.08	.04
Sulfur .....	3.00	3.00	3.00	3.05	6.50	2.75
Whiting, Dom. ....	14.00	14.00	14.00	14.00	30.00	11.00
Zinc Oxide, Amer. ....	.08 $\frac{1}{4}$	.08 $\frac{1}{4}$	.08 $\frac{1}{4}$	.08	.09 $\frac{1}{4}$	.09

Average ..... 3.452 3.452 3.452 3.459 5.937 ..

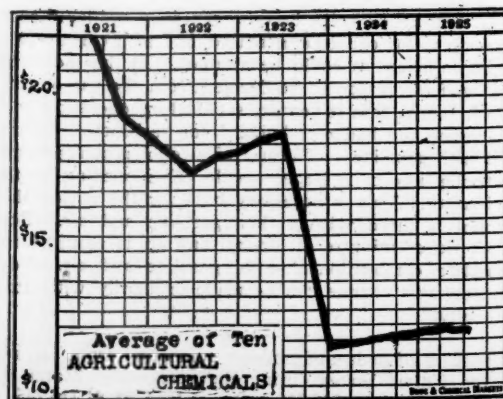


INDUSTRIAL CHEMICAL SECTION

## Agricultural Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66% .. ton	\$14.00	\$14.00	\$14.00	\$14.00	\$55.00	\$20.00
Ammonium Sulfate, 100lbs.	2.95	2.95	2.95	2.45	1.75	2.65
Arsenic .....	.03 $\frac{1}{4}$	.03 $\frac{1}{4}$	.04	.07 $\frac{1}{4}$	.18	.04
Copper Sulfate .....	4.45	4.30	4.36	4.60	20.00	4.05
Paris Green .....	.19	.19	.19	.30	.50	.11
Potash Muriate, 90% ton.	34.55	34.55	34.55	31.00	..	..
Potash Sulfate, 90% ton.	45.85	45.85	45.85	41.27	440.00	48.07
Phosphate, Acid, 16% ton	10.10	10.10	10.10	8.25	21.00	15.60
Phosphate Rock, 68% ..	2.50	2.50	2.50	2.25	11.00	3.00
Sodium Nitrate .....	2.46	2.46	2.46	2.52	5.00	1.90

Average ..... 11.709 11.694 11.694 10.695 103.50 13.84



**ALBUMENS**

There is little demand evidenced for albumens at present and receipts are small. Positions continue strong, however, and when demand does open up, as it is expected to in the fall, prices will probably continue firm or rising. At present, egg and blood albumen are firm at unchanged prices, and vegetable albumen is steady at former quotations.

**CLAYS AND FILLERS**

**Barytes**—There has been no change in this situation with prices steady and demand normal.

**Blanc Fixe**—A routine business is being done regularly in this item with prices well maintained at contract levels.

**China Clays**—Demand for certain grades for the rubber trades is very good, and occasionally suppliers find themselves hard pressed to meet the demand. Prices are firmly held with new business being put through at contract prices.

**Talc**—No new developments are reported in this market and prices are steady at former figures.

**Whiting**—Routine movements are taking place with prices unchanged at present levels.

**COLORS AND PIGMENTS**

Strong upward tendencies are present in lead pigments and this causes chrome yellows and greens to be stronger as regards prices. However no changes have occurred and makers continue to compete sharply. Prussian blues are still in large supply at recent quotations. Red toner prices are unchanged. English vermilion remains at \$1.40@1.45 lb.

**DYE AND TAN WOODS**

There has been no change in the position of materials in this classification and prices are steady throughout the list. Inquiry continues along routine lines with buying of a hand to mouth nature. Fairly large shipments of myrobalans were reported last week, but the spot market is mainly nominal. Sumac continues to be held at what consumers consider unnecessarily high prices, and divi divi is unchanged at former figures. Other woods are quiet and unchanged.

**EXTRACTS**

Increased inquiry is reported for several of the extracts and while actual new orders, are as yet few, dealers are looking forward to better buying this fall. Consumers are reported to have been holding off for some time and dealers feel that none of them can have very extensive stocks at the moment. When consumption increases at all, users will have to come into the market for fresh supplies and movements should then be good. Prices are steady and unchanged throughout the list, and will probably continue so until the demand does pick up.

**FERTILIZERS**

All materials in this group are scarce and the market is firm in spite of the fact that this is usually the off season for fertilizer trades. Ammoniates particularly are scarce and in one or two instances off the market. South American goods are all firm at advanced prices. Blood is up to \$4.30 from South America, raw bone is off the market although nominal quotations are unchanged. Fish scrap is up to \$4.70 and 10c unit f. o. b. works, tankage down to \$3.85 in New York, and up to \$4.30 in Chicago. Nitrogenous material is very firm at the advanced price of \$3.60@3.65. Sodium nitrate is very firm at unchanged price, and ammonium sulfate is steady at recently announced figures.

**INSECTICIDES AND FUNGICIDES**

No demand is in sight for calcium arsenate and makers

will carry large stocks over into next year. Other insecticides are dull due to the close of the season although makers are quoting unchanged prices and are marking time until the new schedule is announced in the Fall.

**METALS**

Antimony is slightly higher at 17 $\frac{3}{4}$ c lb. Copper continues to gain in strength and Lake is now quoted at 14 $\frac{7}{8}$ c@15c lb; electrolytic at 14 $\frac{3}{4}$ c@14 $\frac{7}{8}$ c lb. Lead is sharply higher at 8.9c lb at New York and East St. Louis. Tin is slightly easier at 59c lb. Zinc has advanced to 7.95c lb at New York; and 7.6c at East St. Louis.

**NAVAL STORES**

**Rosins**—All grades moved up to higher figures during the week and a heavy demand is reported. Quotations are given at: B, D \$10.35@10.50; E \$10.50@10.55; F \$10.60; G, H \$10.60@10.70; I \$10.60@10.75; K \$10.65@10.75; M \$10.65@10.80; N \$11.45@11.55; WG \$13.50; WW \$14.50.

**(Special Correspondence to DRUG & CHEMICAL MARKETS)**

Savannah, Ga., Aug. 8.—Turpentine closed firm at 91 $\frac{1}{2}$ c gal. which is 1c above last week's closing. All offerings were taken every day and a further gradual advance is anticipated for the coming week. Receipts for the week totaled 4,886 bbls.; stock today is 14,410 bbls.

Rosins closed firm with medium grades about 10c@15c higher than last week, and fine grades about the same amount lower. All today's offerings of 1,938 bbls. were sold to one bidder. A steady market is forecast for the coming week and steady gains in prices are expected to be reported from month to month. Closing prices are: B, D, E, F, G, H \$9.35; I, K, M \$9.37 $\frac{1}{2}$ ; N \$10.10; WG \$11.85; WW, X \$13.10. Receipts were 16,671 bbls.; stock on hand 112,948 bbls.

Jacksonville, Fla., Aug. 8.—Turpentine closed firm at 91 $\frac{1}{2}$ c@92c on sales of 396 bbls. There was a fair amount of competition among the four buyers who were bidding. Present prices will probably be maintained for the week.

Rosins closed firm at the following prices: B, D, E, F, G, H \$9.35; I, K, M \$9.37 $\frac{1}{2}$ ; N \$10.10; WG \$11.85; WW, X \$13.10.

**Turpentine**—Quotations are higher due to gains in primary markets and less competition among dealers who quote 98 $\frac{1}{2}$ c@1.03 as to seller and quantity.

**STARCHES, DEXTRINES AND SIZES**

Demand for items in this group is weak at the moment and prices are unchanged. Recent declines in starches and dextrins were due to the situation in the grain market. Glues, amber sorts and casein all continue to move in a routine manner at unchanged prices.

**EXPORT 630,240 LBS. OF CHESTNUT EXTRACT**

Washington, D. C., August 8—Domestic exports of logwood extract for June amounted to 236,445 pounds of which the largest quantity went to the United Kingdom with Italy taking the second largest quantity. The total value was \$30,929. The exports for the same month of other dye extract totaled 54,569 pounds, valued at \$8,568 while June exports of crude dyeing and tanning materials amounted to 987 tons valued at \$16,190. June exports of chestnut tanning extracts amounted to 630,240 pounds, valued at \$17,605 while exports of other tanning extracts for the same month amounted to 1,324,662 pounds valued at \$66,717.



## Miscellaneous Raw Materials

Heavy Chemicals 438-456, Tan and Dyestuff 438-456, Fatty Oils 456-457

### BRISK DEMAND FOR RUBBER TRADE

Prices Generally Firm at Unchanged Figures—Other Trades continue normal—Agricultural Materials Scarce and Higher—Metals Higher—Increased Inquiry Evident in Other Lines—All Grades Rosins Advanced

#### PRICE CHANGES IN NEW YORK (Stock in First Hands)

##### Advanced

Antimony,  $\frac{1}{4}$ c lb.  
Blood, S. A., 15c unit.  
Copper,  $\frac{1}{4}$ c lb.  
Fish Scrap, 5c unit  
Lead,  $\frac{1}{4}$ c lb.  
Nitrogenous Material, 20c unit.  
Tankage, Chi., 5c unit.  
Turpentine, 1 $\frac{3}{4}$ c gal.  
Zinc,  $\frac{1}{4}$ c lb.

Rosin: B, E, H, 35c 280 lb.  
D, I, 30c 280 lb.  
F, G, 40c 280 lb.  
K, 20c 280 lb.  
M, 10c 280 lb.  
N, 5c 280 lb.  
WG, 25c 280 lb.  
WW, 15c 280 lb.

##### Declined

Tankage, N. Y., 5c unit.

The market for raw materials used in the consuming industries shows little change of vital importance. Demand is very brisk from the rubber trade, with ammoniates used by the fertilizer industries scarce and higher. The paper, glass and lacquer and varnish trades continue normally active while textile and leather industries are dull. Some increased inquiry is evident from the latter however, with expectation from the dealers of improved conditions in the fall. Metals are generally higher and pigments are firm with some advances looked for in the lead pigments before long, due to the position of the

lead market. Naval stores show little change except for advances in all grades of rosins. The general feeling may be taken as one of looking forward to better business conditions as soon as the vacation period and usual summer slackness are over.

### ACCELERATORS

Aldehyde Ammonia — Market fairly steady at unchanged quotations of 90c@93c lb.

Diortho-tolylguanidine—Maker reports a heavy demand and quotes \$1.10@1.13 lb. as to quantity.

Diphenylguanidine—All makers are maintaining prices at unchanged figures of 95c@98c lb. and report a heavy demand.

Ethylidene Aniline—No change from the firm condition reported and makers quote 62c@65c lb.

Formaldehyde Aniline—Market firm under a steady consuming demand and quotations show no variation in any direction.

Hexamethylene—Market only barely steady at 80c@82 $\frac{1}{2}$ c lb. and shading of these prices is reported in some instances.

Para-phenylenediamine—Fair demand reported by makers at recent decline to \$1.20@1.25 lb.

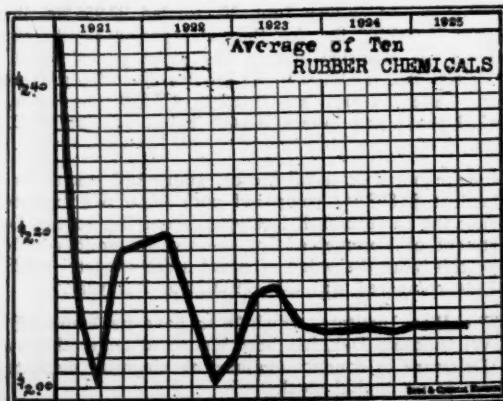
Piperidine Pentamethylene Diortho Carbamate—Manufacturers are quoting unchanged prices of \$4.75@\$5.00 lb. and report an increased demand.

Triphenylguanidine—Situation unchanged and competition is quite sharp although quotations are being maintained in practically all directions.

## Rubber Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony, Sulfide Crim..	\$39	\$39	\$39	\$39	\$45	\$38
Carbon Bismide .....	.06	.06	.06	.06	.30	.10
Carbon Black cases wks..	.07	.07	.07	.10	.30	.14
China Clay, Imp.....	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	.82 $\frac{1}{2}$	1.35	.05
Iron Oxide, Span .....	.03	.03	.03	.03	.04 $\frac{1}{2}$	.05
Lithopone .....	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.08	.04
Sulfur .....	3.00	3.00	3.00	3.05	6.50	2.75
Whiting, Dom. ....	14.00	14.00	14.00	14.00	30.00	11.00
Zinc Oxide, Amer. ....	.08 $\frac{1}{4}$	.08 $\frac{1}{4}$	.08 $\frac{1}{4}$	.08	.09 $\frac{1}{2}$	.09

Average ..... 3.452 3.452 3.452 3.459 5.937 ..

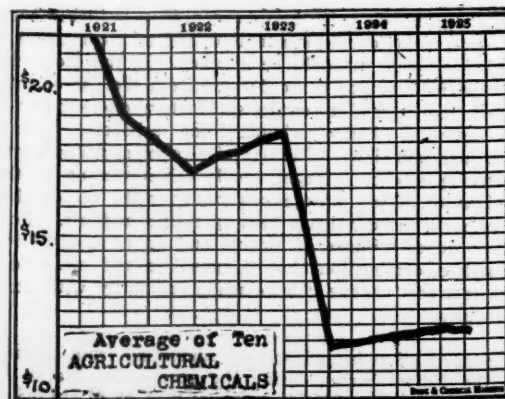


INDUSTRIAL CHEMICAL SECTION

## Agricultural Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66%... ton	\$14.00	\$14.90	\$14.00	\$14.00	\$55.00	\$20.00
Ammonium Sulfate, 100lbs.	2.95	2.95	2.95	2.45	1.75	2.65
Arsenic .....	.03 $\frac{1}{4}$	.03 $\frac{1}{4}$	.04	.07 $\frac{3}{4}$	.18	.04
Copper Sulfate .....	4.45	4.30	4.30	4.60	20.00	4.05
Paris Green .....	.19	.19	.19	.30	.50	.11
Potash Murate, 90% ton	34.55	34.55	34.55	31.00	...	...
Potash Sulfate, 90% ton	45.85	45.85	45.85	41.27	440.00	48.07
Phosphate, Acid, 16% ton	10.10	10.10	10.10	8.25	21.00	15.00
Phosphate Rock, 68% ....	2.50	2.50	2.50	2.25	11.00	3.00
Sodium Nitrate ....100lbs.	2.46	2.46	2.46	2.52	5.00	1.90

Average ..... 11.709 11.694 11.694 11.695 103.50 13.84





**ALBUMENS**

There is little demand evidenced for albumens at present and receipts are small. Positions continue strong, however, and when demand does open up, as it is expected to in the fall, prices will probably continue firm or rising. At present, egg and blood albumen are firm at unchanged prices, and vegetable albumen is steady at former quotations.

**CLAYS AND FILLERS**

**Barytes**—There has been no change in this situation with prices steady and demand normal.

**Blanc Fixe**—A routine business is being done regularly in this item with prices well maintained at contract levels.

**China Clays**—Demand for certain grades for the rubber trades is very good, and occasionally suppliers find themselves hard pressed to meet the demand. Prices are firmly held with new business being put through at contract prices.

**Talc**—No new developments are reported in this market and prices are steady at former figures.

**Whiting**—Routine movements are taking place with prices unchanged at present levels.

**COLORS AND PIGMENTS**

Strong upward tendencies are present in lead pigments and this causes chrome yellows and greens to be stronger as regards prices. However no changes have occurred and makers continue to compete sharply. Prussiate blues are still in large supply at recent quotations. Red toner prices are unchanged. English vermilion remains at \$1.40@1.45 lb.

**DYE AND TAN WOODS**

There has been no change in the position of materials in this classification and prices are steady throughout the list. Inquiry continues along routine lines with buying of a hand to mouth nature. Fairly large shipments of myrobalans were reported last week, but the spot market is mainly nominal. Sumac continues to be held at what consumers consider unnecessarily high prices, and divi divi is unchanged at former figures. Other woods are quiet and unchanged.

**EXTRACTS**

Increased inquiry is reported for several of the extracts and while actual new orders, are as yet few, dealers are looking forward to better buying this fall. Consumers are reported to have been holding off for some time and dealers feel that none of them can have very extensive stocks at the moment. When consumption increases at all, users will have to come into the market for fresh supplies and movements should then be good. Prices are steady and unchanged throughout the list, and will probably continue so until the demand does pick up.

**FERTILIZERS**

All materials in this group are scarce and the market is firm in spite of the fact that this is usually the off season for fertilizer trades. Ammoniates particularly are scarce and in one or two instances off the market. South American goods are all firm at advanced prices. Blood is up to \$4.30 from South America, raw bone is off the market although nominal quotations are unchanged. Fish scrap is up to \$4.70 and 10c unit f. o. b. works, tankage down to \$3.85 in New York, and up to \$4.30 in Chicago. Nitrogenous material is very firm at the advanced price of \$3.60@3.65. Sodium nitrate is very firm at unchanged price, and ammonium sulfate is steady at recently announced figures.

**INSECTICIDES AND FUNGICIDES**

No demand is in sight for calcium arsenate and makers

will carry large stocks over into next year. Other insecticides are dull due to the close of the season although makers are quoting unchanged prices and are marking time until the new schedule is announced in the Fall.

**METALS**

Antimony is slightly higher at 17 $\frac{3}{4}$ c lb. Copper continues to gain in strength and Lake is now quoted at 14 $\frac{7}{8}$ c@15c lb; electrolytic at 14 $\frac{3}{4}$ c@14 $\frac{7}{8}$ c lb. Lead is sharply higher at 8.9c lb at New York and East St. Louis. Tin is slightly easier at 59c lb. Zinc has advanced to 7.95c lb at New York; and 7.6c at East St. Louis.

**NAVAL STORES**

**Rosins**—All grades moved up to higher figures during the week and a heavy demand is reported. Quotations are given at: B, D \$10.35@10.50; E \$10.50@10.55; F \$10.60; G, H \$10.60@10.70; I \$10.60@10.75; K \$10.65@10.75; M \$10.65@10.80; N \$11.45@11.55; WG \$13.50; WW \$14.50.

*(Special Correspondence to DRUG & CHEMICAL MARKETS)*

Savannah, Ga., Aug. 8.—Turpentine closed firm at 91 $\frac{1}{2}$ c gal., which is 1c above last week's closing. All offerings were taken every day and a further gradual advance is anticipated for the coming week. Receipts for the week totaled 4,886 bbls.; stock today is 14,410 bbls.

Rosins closed firm with medium grades about 10c@15c higher than last week, and fine grades about the same amount lower. All today's offerings of 1,938 bbls. were sold to one bidder. A steady market is forecast for the coming week and steady gains in prices are expected to be reported from month to month. Closing prices are: B, D, E, F, G, H \$9.35; I, K, M \$9.37 $\frac{1}{2}$ ; N \$10.10; WG \$11.85; WW, X \$13.10. Receipts were 16,671 bbls.; stock on hand 112,948 bbls.

Jacksonville, Fla., Aug. 8.—Turpentine closed firm at 91 $\frac{1}{2}$ c@92c on sales of 396 bbls. There was a fair amount of competition among the four buyers who were bidding. Present prices will probably be maintained for the week.

Rosins closed firm at the following prices: B, D, E, F, G, H \$9.35; I, K, M \$9.37 $\frac{1}{2}$ ; N \$10.10; WG \$11.85; WW, X \$13.10.

**Turpentine**—Quotations are higher due to gains in primary markets and less competition among dealers who quote 98 $\frac{1}{2}$ c@1.03 as to seller and quantity.

**STARCHES, DEXTRINES AND SIZES**

Demand for items in this group is weak at the moment and prices are unchanged. Recent declines in starches and dextrins were due to the situation in the grain market. Glues, amber sorts and casein all continue to move in a routine manner at unchanged prices.

**EXPORT 630,240 LBS. OF CHESTNUT EXTRACT**

Washington, D. C., August 8—Domestic exports of logwood extract for June amounted to 236,445 pounds of which the largest quantity went to the United Kingdom with Italy taking the second largest quantity. The total value was \$30,929. The exports for the same month of other dye extract totaled 54,569 pounds, valued at \$8,568 while June exports of crude dyeing and tanning materials amounted to 987 tons valued at \$16,190. June exports of chestnut tanning extracts amounted to 630,240 pounds, valued at \$17,605 while exports of other tanning extracts for the same month amounted to 1,324,662 pounds valued at \$66,717.

### TIERNEY LEADS CHEMICAL R. R. BOARD

The chemical section of the Atlantic States Shippers Advisory Board has been headed by John I. Tierney, secretary of the Manufacturing Chemists' Association, and will look after relations of chemical shippers and the railroads with a view to facilitating shipments of chemicals, supplying cars, and handling of other problems. The section will be the chemical industry mouthpiece in dealing with the carriers. Meetings will be held quarterly at Washington, D. C.

Other members of the chemical section of the Board include: N. D. Chapin, Solvay Process Co., Syracuse; H. L. Crowder, Pennsylvania Salt Manufacturing Co., Philadelphia; C. H. George, New Jersey Zinc Co., New York; George C. Henry, Mutual Chemical Co., New York; V. J. Hughes, Maryland Chemical Co., Baltimore; William Martin, Philadelphia Quartz Co., H. W. McArthur, U. S. Industrial Chemical Co., New York; F. S. Moore, Davison Chemical Co., Baltimore; W. F. Sommer, Grasselli Chemical Co., New York; H. J. Taggart, E. I. duPont de Nemours & Co., Wilmington.

### GLYCERIN-DYNAMITE DRAWBACK REVISED

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—Treasury Department Regulations which provide for the payment of drawback on dynamite manufactured with the use of duty free refined glycerin in combination with either imported refined glycerin, or refined glycerin produced wholly from imported crude glycerin, have been amended to provide for the payment of drawback on dynamite manufactured with the use of imported refined glycerin or refined glycerin manufactured wholly from imported crude glycerin or with duty-free refined glycerin combined with either imported refined glycerin, or refined glycerin manufactured wholly from imported crude glycerin or with both. This means that the drawback can be obtained with the use of any and all types of imported glycerin, admixed if desired with domestic glycerin.

### PAYS OFF PEPPERELL CHEMICAL DEBTS

Boston, Aug. 12.—Frank P. Carpenter, president of the Amoskeag Paper Mill at Manchester, N. H., who petitioned the Pepperell Card & Paper Co., into bankruptcy last November, has settled the suit by buying the common stock of the Pepperell Company excepting two qualifying shares for his brother and James H. Cashman, the former receiver. Mr. Carpenter paid off all claims against the Pepperell Card & Paper Co., including those incurred by the receiver. The latter included the Babbit, Kelley Co., J. A. & W. Bird & Co., and the Kalbfleisch Corp. Among the claims outstanding prior to November first when the receivership was declared were more than ten chemical and dyestuff companies. These accounts have now all been paid. Mr. Carpenter will operate the company and supply it with paper from his own mill in Manchester.

### LIFT GERMAN CHEMICAL IMPORT BAN

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12.—Commercial Attache C. E. Herring, Berlin, cables the Department of Commerce, that the German import license requirement was lifted on a number of commodities on August 1, including the following: copper vitriol, stannic oxide, stannic acid except for smelting tartar emetic and other antimony preparations; graphite for retail sale; pure methanol, pure acetone, formaldehyde, acetaldehyde, pyrotechnics and albumen.

C. F. Ratcliffe, of Brotherton & Co., Ltd., Leeds, England, manufacturers of ammonias and coal tar chemicals, is to visit the United States in October on a business trip.

INDUSTRIAL CHEMICAL SECTION

## New Chemical Construction

Hanovia Chemical & Mfg. Co., 233 New Jersey Railroad Avenue, Newark, N. J., will soon begin the construction of a five-story and basement addition to its plant, reported to cost close to \$100,000.

Allied Chemical Co., Dallas, Tex., has leased a one-story building, 100 x 150 ft., on Hickory Street, and will occupy it for a new plant.

Textor Chemical Co., Cleveland, is planning to build a two-story addition to their plant which they will use as a laboratory.

Antrim Iron Co., Grand Rapids, Mich., is considering plans for enlargement in its chemical plant at Marcelona, Mich., with the installation of additional equipment, at cost of \$50,000.

The Board of Trustees, University of Maryland, Baltimore, Md., will soon begin work on a three-story chemistry building at the institution, estimated to cost \$200,000.

Hampden Paint & Chemical Co., Springfield, Mass., has completed plans for the rebuilding of the portion of its plant recently destroyed by fire, with loss of about \$20,000.

When Bird & Son have finished their new floor covering mill at Norwood, Mass., they will be the second largest manufacturers of prepared floorings in the world.

Bryant Fertilizer Co., Alexandria, Va., is said to have plans under way for rebuilding of the portion of its plant, recently destroyed by fire with loss estimated at approximately \$150,000.

David Berg Industrial Alcohol Co., Philadelphia, will proceed with the construction of a new addition to its plant at Delaware Av. and Morris St., for which plans recently were filed, to cost about \$90,000.

Devoe & Reynolds Co., Inc., Superior st., Chicago, manufacturer of paints, varnishes, etc., will soon begin work on a one-story addition to its plant to cost about \$60,000.

Hydrox Chemical Co., 225 West Huron St., Chicago, is reported to have plans in progress for the construction of a new plant on tract of land recently acquired near the River Road, Buffalo, N. Y., to cost in excess of \$80,000.

International Clay Products, Ltd., a new company just incorporated, capitalized at \$150,000, headed by M. L. Moyer, of Regina, Sask., will manufacture sanitary ware, terra cotta and china from Saskatchewan clays. They have secured the plant from the Eastern Brick & Coal Co., at Estevan, Sask. and have acquired large areas of clay land.

Chemical products in the Dead Sea may be recovered for commercial use if offers of the Crown Agents for the Colonies at Jerusalem for industrial exploitation, are accepted by British manufacturers. The Dead Sea waters contain in commercial quantities potassium chloride, calcium chloride, magnesium chloride and bromide, in addition to common salt.

International Fertilizer Co., has bought the Tupelo Fertilizer Co., Memphis, Tenn., and will open the plant which has been closed for the last three years.

# FRENCH CONSUME MORE FERTILIZER

The value of chemical fertilizers consumed in France in 1924 is estimated at 1,117,000,000 francs, against 266,000,000 francs in 1913. This total includes the following items: 2,000,000 tons superphosphates, valued at 400,000,000 francs; scories 400,000 tons, valued at 60,000,000 francs; phosphates 150,000 tons, 13,500,000 francs; sodium nitrate 254,000 tons, 290,500,000 francs; ammonium sulfate 200,000 tons, 220,000,000 francs; cyanamide 50,000 tons, 50,000,000 francs; nitrate of lime 11,000 tons, 11,000,000 francs; sylvanite 12-16% 205,000 tons, 8,500,000 francs; sylvanite 20-22% 205,000 tons, 30,500,000 francs; potash muriate 65,000 tons, 33,000,000 francs.

Copper sulfate consumed is valued at 125,000,000 francs and oil cake at 337,500,000 francs. Nitrogenous fertilizers imported during 1924 were valued at 431,000,000 francs, against 339,000,000 francs for 1923, and exports totaled 19,000,000 francs for 1924, against 9,000,000 francs for 1923. Imports of phosphate fertilizers in 1924 reached 125,000,000 francs, against 123,000,000 francs in 1923; and exports were 134,000,000 francs, against 60,000,000 francs in 1923. Imports of potash fertilizers in 1924 were valued at 3,000,000 francs, against 2,000,000 in 1923; and exports were valued at 139,000,000 francs in 1924, against 84,000,000 francs in 1923.

# AMMONIUM SULFATE IMPORTS INCREASING

Preliminary figures of ammonium sulfate imports for the first five months of 1925 indicate receipts of a quantity considerably in excess of the imports during the entire three years preceding. The following table shows the imports since 1918:

Imports of Ammonium Sulfate Entered for Consumption in the United States.

Calendar Year	Tons	Dollars
1918	2,993	425,881
1919	2,354	313,873
1920	1,993	247,495
1921	4,677	260,390
1922	4,932	262,576
1923	3,542	204,616
1924	6,000	342,000
1925 (1)	17,284	984,528

(1) Preliminary figures of general imports for first five months.

Importation of fertilizer into Japan during May totaled 284,084 tons, valued at yen 25,611,500, showing an increase of 109,662 tons, valued at yen 5,583,776, over the preceding month, according to a report issued by the Japan Artificial Fertilizer Association. Bean cake totaled 188,964 tons, valued at yen 16,862,636; sulfate of ammonia 30,725 tons, valued at yen 4,075,661; and soda totaled 10,410 tons, valued at yen 1,384,491.

The San Diego County Silk Corporation, Escondido, Cal., has been organized for the production of raw silk in this country. They are planning to buy 320 acres near the city, which will be planted to mulberry trees, rationing about 1,800 tons of leaves. The cocooneries are expected to turn out about 420,000 pounds of fresh cocoons which should yield 45,000 pounds of raw silk thread and 15,000 pounds of waste silk for spun yarns.

New use for insecticides may be found in a broad campaign against the chinch bugs in Nebraska which have been numerous this year. The closer settling of the country has forced a turn to insecticides to replace firing the prairies which was used in former years.

Negotiations for the complete fusion of the German aniline industry were resumed last week.

# STANDARD OF CANADA LOSES \$270,479

(Special to DRUG & CHEMICAL MARKETS)

Toronto, Aug. 8.—The annual financial statement of the Standard Chemical Co., Ltd., for the year ended March 31, shows a loss from operations amounting to \$158,333. The addition of reserve for depreciation and debenture interest brings the net loss up to \$270,479, as compared with a deficit of \$4,963 for the previous 12 months. The president stated that a drastic decline in value of the company's products in both domestic and foreign markets had taken place. With the exception of charcoal about 40 per cent of the company's output has been sold abroad, but the foreign field could no longer be relied upon as an outlet. This applied more particularly to England, where European competition has been so keen that goods were put on the market at prices which the company could not profitably meet.

# BADISCHE BUYS STINNES PATENTS

Badische Anilin & Sodafabrik, Ludwigshaven, Germany, has purchased the Bergius Patents owned by the Stinnes estate, in connection with the Riebeck Montau Stinnes Co. The patents cover the manufacture of liquid hydrocarbons from lignite and present the opportunity to utilize large deposits of lignite in Germany.

Coca-Cola Co., will hold its monthly meeting of the Board of Directors during the latter part of the month and a new plan for a split-up of the stock will probably be proposed. The plan calls for issuing four shares of stock for each share of common now outstanding. The dividend to be declared is expected to be \$8.00 or \$10.00 instead of the usual \$7.00 rate. There is \$8,000,000 7% cumulative preferred outstanding which is to be retired. Last January \$2,000,000 of this issue was retired, and \$5,000,000 will be borrowed and the remainder taken from the company's treasury to retire the remainder.

A surplus of \$384,120 is reported by Atlas Chemical Co., of Waltham, Mass., at close of business. December 31, 1924. Accounts payable amounted to only \$23,905 against accounts receivable of \$16,973, notes receivable of \$916, cash \$52,682, merchandise \$10,801, securities \$234,987 and real estate and machinery valued at \$95,000.

A surplus of \$188,359 is shown by the E. H. Clapp Rubber Co., Boston, in a statement of its condition as of December 31 last. Assets include accounts receivable of \$18,276, notes receivable \$5,049, securities \$28,579, cash \$22,151 and merchandise \$203,684. Accounts payable amount to \$94,201 and notes payable are \$55,482.

Vellumoid Co., Boston, reports surplus \$75,700 as of Dec. 31, last. Statement of assets and liabilities shows accounts receivable \$24,539, notes receivable \$81, cash \$25,026, merchandise \$36,399, securities \$181. Accounts payable are \$2,854 and there is a reserve for depreciation of \$59,213.

Davison Chemical Co., Baltimore, manufacturers of sulfuric acid and acid phosphates for the fertilizer trades, report a material increase of buying which will probably bring 1925 up to nearly normal after four years of depression in the fertilizer trades.

U. S. Rubber Co. shows a net profit for six months ended June 30, 1925 of \$5,875,204, equal to \$4.02 per share on \$81,000,000 common stock. This compares with \$4,422,487 or \$2.22 per share for the same period in 1924.

Carloadings for the week ended July 18 were 1,010,970, the first time this year the million mark has been passed. Loadings for this year up to that time were 27,155,000 a gain of 1,372,000 over the previous year's record.

Alsace Potash Mines have been sold to the State for 208 million francs.



## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Aug. 8, 1925

Bid	Asked	Bid	Asked
*Air Reduction ....104½	105¾	Hercules Powder ....104	107
*Allied Chem. & D. 92	92¾	Hercules Powd., pf..105	107
*Alied C & D, pf..119½	120	Heyden Chem. .... 17½	—
*Am Ag Ch. ....21¾	22	Hooker Electro .... 12	15
*Am Ag Ch, pf .... 64	64½	Hooker Electro, pf... 40	45
*Am Chicle ....46½	48½	*Household Products 41¾	41¾
*Am Chicle, pf. .... 87½	92¾	*Int Agricult .... 14¾	15
*Am Cyan. ....108	115	*Int. Agricult., pf... 60	100
*Am Cyan, pf. .... 80	83	*Int Nickel .... 30½	30¾
*Am Druggist, S. .. 5½	5¾	*Int. Nickel, pf .... 99	99¾
*Am. Glue ....47	50	*Int. Salt .... 66	79
*Am. Glue, pf.....106	109	*Mathieson Alk .... 75	77
*Am Linseed .... 30¾	30¾	Merck & Co., pf. .... 51	54
*Am Linseed, pf. .... 76¾	77¾	MacAnd & Forbes ..152	156
*Am Metal ....49½	49½	MacA & Forbes, pf.100	102
*Am Zinc .... 7½	8	Merck & Co. pf. .... 53	55
*Am Zinc, pf. .... 28½	29½	Merrimac .... 84	86
*Archer Dan Mid. .... 35½	37	Mulford Co. .... 30	33
*Archer Dan Mid, pf 97	98	*National Lead ....154	155
*Atlas Powder .... 50	51	*National Lead, pf.116¾	119
*By-Prod. Co. .... 46	49	Niag. A., pf. .... 80	85
By-Prod. Co., pf....102	105	N. J. Zinc ....190	193
Canad. Ind. Al. ....16½	17	Parke, Davis & Co 98½	—
Canad. Salt ....105	115	Penn Salt .... 72	—
Casein Co. .... 62	66	*People Gas Chi. ....116¾	116¾
Celluloid Co. .... 23	26	Procter & Gamble ..124	127
Celluloid Co. pf. .... 73	77	Procter & Gam., pf..158	—
*Certain-teed Prod. 54½	54½	Royal Bkg. Pow. ....138	143
Charcoal Iron .... 10	20	Royal Bkg. Pow., pf.101	103
Ches. Mfg. .... 62	64	Shawinigan ....163	164
Ches. Mfg. pf....111	113	Sherwin-Willist pf.04½	—
Clark Co., Fred.... 2½	4	*Sterling Prod .... 71	71¾
Cleve Cliffs Iron.... 70	75	*Tenn C & Chem .... 10½	10¾
*Cone. Solv. A .... 93	95	*Tenn C & Chem ... 11	11¾
Do B .... 92	95	*Tex. Gaf Sul ....111¾	112¾
*Corn Products .... 33¾	33¾	Union Carbide .... 67½	68
*Corn Products, pf 118	120	*Un. Drug ....130½	132
*Davison Chem. .... 42½	42½	*Un Drug 1st pf.... 54¾	55
Dow Chem. no par... 55	65	*Un. Dyewod .... 16	18
Dow Ch., pf. .... 98	102	Un. Dyewod, pf. .... 67	70
Dow Drug Co. ....140	—	Un. Gas Imp. .... 99	100
Dow Drug Co., pf....105	108	Un. Gas Imp. pf., .. 58½	—
*Du Pont Deb ....100	101	U. S. Gypsum ....182	—
*Du Pont de Nem. ....108½	109¼	*U. S. Indus. Al .... 87½	88
Eastman Kodak ....105½	106	*U. S. Indus. Al. pf.111	115
*Eastman Kodak, pf. 112½	—	*Va Car Ch .... 3½	3¾
*Freeport Tex .... 16½	17	*Va Car Ch, pf. .... 10½	11
*Gen. Asphalt .... 95	96¾	*V Vivaudou ....14½	14¾
*Gen. Asphalt, .pf. 96½	—	Will & Baumer .... 12	14
*Gold Dust .... 43	43¾		
Grasselli ....125	130		
Grasselli, pf. ....101	103		

\*Listed on New York Stock Exchange

FOREIGN EXCHANGE		Par	Current
Great Britain (pound Sterling)		\$ 4.866	\$4.85½
France (franc)		183	.046
Italy (lira)		193	.035
Belgium (franc)		198	.045
Czechoslovakia (crown) per hundred	20.30	2.96	
Denmark (krone)	268	.227	
Germany (mark)	238	.238	
Holland (florin)	402	.401	
Norway (krone)	258	.183	
Poland (zloty)	193	.190	
Spain (peseta)	193	.144	
Sweden (krone)	268	.268	
Switzerland (franc)	193	.194	
Argentina (peso)	424	.413	
Brazil (milreis)	324	.411	
Japan (yen)	499	.411	
India (rupee)	485	.366	
China (Silver dollar, Hongkong)	783	.568	
(Tael-Peking, silver)	1.146	.770	
(Tael-Shanghai, silver)	1.986	.768	

American Bemberg Co., incorporated for \$17,500,000 to manufacture rayon, has decided to erect its plant in Johnson City, Tenn. Employment for 10,000 operatives is expected and construction over a five year period will probably mount up to \$10,000,000.

United States Rubber Co. is reported to have purchased from Belgian interests, a 6,000 acre rubber plantation in Kedah-Malaya, adjacent to the 22,500 acre plantation already in their possession. A substantial portion of the new tract will be bearing by 1926.

## New Incorporations

## In the Chemical, Drug, Oil Producing and Consuming Fields

Bi-Car-Gum Co., New York, confections, 200 common, no par; S. Streit. M. Singer, M. Vogel (Attys., Eppstein, Axman & Hirshfeld, 175 5th Ave.).

Cohen & Kaminsky, New York, beverages, 200 common, no par; F. Kaminsky, R. and L. Cohen, (Atty., S. F. Moran, 14 Wall St.).

Triah Knitting Mills, New York, \$10,000; L. Toplin, M. D. Goldberg, A. Polsky, (Atty., N. Tolp, 1,440 B'way.).

Linden Leather Co., New York, 1,500 shares \$100 each, 150 common no par; R. B. Schiff, S. Zuckerman, C. Grosshandler, (Attys., Shaine & Weinrib, 299 B'way.).

Kened & Co., textiles, New York, 100 common, no par; M. R. Spink, R. Samrock, (Atty., O. S. Rosner, 34 Nassau St.).

Unexcelled Laundry System, Brooklyn, N. Y., \$10,000; A. Pineman, M. Zietz, R. S. Smith, (Atty., W. E. Smith, 297 Stone Avenue.).

The Jalisco California Mines, Inc., Wilmington, mining, \$100,000. (Corporation Service Co.).

Amercan Sonora Mines Corp., minerals. \$1,000,000, Wilmington, Del. (Corp. Trust Co. of America).

Lehn & Fink Products Co., New York, (inc-rp. in Del.) deal in securities, dyestuffs, chemicals, operate chemical laboratories, etc., \$115,000,000 capitalization; 1,115,000 shares designated as common stock and management stock, all of which shares have no par value; 1,000,000 shares of common stock and 150,000 shares of management stock; State tax filed with charter, \$5,850. (Corporation Trust Co. of America).

Schoharie Limestone Co., Schoharie, N. Y., \$5,000; K. Kelley, W. P. and S. H. Mix, (Atty., M. S. Mix, Schoharie).

La Via Chemical Co., New York, barber supplies, \$10,000; B. Levy, A. Milite, M. J. Elfenbein, (Atty., L. Landes, 165 B'way.).

International Laboratories, New York, chemists, 1,000 common, no par; E. M. Foley W. J. and G. S. Bergan, (Atty., A. and H. Bloch, 99 Nassau St.).

Vick Chemical Co., Wilmington, deal in Vick's Vapourub, \$40,000,000; 400,000 shares of stock without nominal or par value; William Y. Preyer, James F. Hoge J. D. Nelson, Greensboro, N. C. (Corporation Trust Co. of America).

Paula's Co., candy, ice cream, \$1,500,000, Wilmington. (Corporation Trust Co. of America).

Henry Goodwill Corp., New York, make hosiery, \$20,000; W. S. Siemon, B. Hershkopf, C. M. Phair, (Atty., L. J. Kresel, 49 Wall St.).

American Chicle Co. dividend prospects on common stock are bright, according to the "Wall St. Journal," which said: "As a result of cooperation of creditor national banks, trust companies and commercial bankers the restoration of Chicle's finances to a normal commercial basis has been effected at a comparatively low cost. Volume of business continues to show a satisfactory increase and in the first six months of 1925 an increase of 18% was recorded over the first half of the previous year.

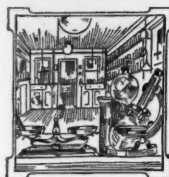
Henry Bower Chemical Co. has filed with the Massachusetts Commissioner of Corporations an annual statement of condition for the year ended Feb. 25, as follows: Assets: Merchandise, \$98,007; notes receivable, \$6,504; accounts receivable, \$146,531; cash, \$2,683; franchises, \$2,786; total, \$256,511. Liabilities: Common stock, \$5,000; accounts payable, \$220,140; reserves, \$29,604; surplus, \$1,767; total, \$256,511.

The Diamond Match Co., report net earnings for the first half of 1925 as \$1,863,133 as against \$2,030,839 last year. Net income after reserves and taxes is \$850,525 equal to \$5.01 a share on the \$16,965,100 capital stock as against \$5.29 last year.

American Zinc, Lead & Smelting Co., reports net operating profits for the quarter ending June 30, as \$86,230 compared with \$21,025 for the corresponding quarter of 1924 and \$214,298 for the first quarter of this year.

Dowington Chemical Company of Wilmington, Del., has obtained a charter in that State with a capital stock of \$100,000. Charles W. Guyer, of Wilmington, is the incorporator.

The following British companies have been dissolved, according to the London Gazette: Pommerols Cure Ltd., and United Chemical Corporation, Ltd.



# Drug & Fine Chemical

## SECTION



## Toilet Goods Exports Increased in 1925

**Show 10 Per Cent Advance for First Half of 1925 Compared to 1924—Toilet Preparation Imports Show Increase of 50 Per Cent Over 1924—Essential Oils Show Larger Business in Both Imports and Exports—Imports Four Times Export Shipments—Citronella Biggest Item—Foreign Business in Medicinals Larger—Botanical Drugs Show Sharp Losses**

(Special to DRUG & CHEMICAL MARKETS)

Washington, Aug. 12—Larger amounts of perfumery and toilet waters, talcum and other toilet powders, and dentifrices left this country for foreign countries during the first six months of 1925 than during the corresponding period in 1924, values for which were, \$220,000, \$854,000, and \$1,540,000 respectively. Sales of creams, rouges and other cosmetics, however, were less than the preceding period and equalled \$590,000. The trade in perfumery and toilet preparations group came nearer balancing than any of the other groups with exports \$400,000 in excess of imports. During the first half of the present year the exports recorded a 10 per cent advance and the imports a 50 per cent advance over the first half of 1924, or a total of \$3,795,000 for the former and \$3,388,000 for the latter. A higher valuation but a lower poundage characterized the import trade in perfumery, bay rum and toilet waters, nearly \$1,000,000 having been imported, but the big change occurred in purchases of perfume materials when double the amounts were imported this current period than last or a total of \$2,000,000 worth for the first half of 1925.

### Larger Business in Essential Oils

Essential oils, one of the smaller groups representing 3 per cent of the imports and 1 per cent of the exports surpassed the January-June, 1924 trade by 19 per cent and 10 per cent respectively, with imports more than four times the exports, or a total of \$3,235,000 for the period under discussion. The figures for the leading oils purchased from abroad for the 1925 period were: geranium oil, \$432,600 (88,600 pounds); attar of roses, \$102,000 (pounds); bergamot oil, \$256,000 (80,000 pounds); citronella and lemon grass \$551,000 (623,300 pounds); lavender, \$386,900 (58,300 pounds); lemon, \$275,300 (365,200 pounds); orange, \$322,400 (145,000 pounds); and sandalwood \$95,400 (20,000 pounds).

### Imports of Medicinals Increase

The foreign trade in medicinal preparations continued on the upswing with a greater expansion in the imports than in the exports but at that the value of the imports was only approximately one-third of the exports. The exports for the group rose 13 per cent from an aggregate value of \$8,815,000 in the first six months of 1924 to \$9,966,000 in the first six months of 1925, and the imports went from \$2,376,000 to \$3,550,000 during the same period. In the exports, this group equalled 13 per cent of the total chemicals, but in the imports only 3 per cent. The leading items included in the prepared medicines group with amounts exported during the first half of 1925 were: quinine sulfate and other salts of cinchona, \$132,000 (520,000 ounces); antitoxins, serums and vaccines, \$576,000 (14,180,000 c. c.); medicated plas-

ters, \$318,000 (239,000 pounds); and all other medicinal preparations, \$8,922,000 (18,105,000 pounds). After the large amounts of quinine sulfate received during the first quarter of the current year, it is not surprising that only \$60,000 worth entered the country during the second quarter bringing the total for the six months up to \$318,000 worth.

In sharp contrast to the flourishing condition of the prepared medicine trade, was the reduction in botanicals when exports fell 22 per cent in values to \$1,345,000 and imports 17 per cent to \$3,666,000 for the current six months. Ginseng accounted for one-half of the exports. Cinchona bark, one of this group of commodities of particular interest to American importers showed an improvement during the current six months when 1,402,000 pounds, valued at \$438,000 while pyrethrum flowers, another commodity of importance, although declining 50 per cent in value to \$606,000 rose 10 per cent in quantity to 2,784,000 pounds.

### CHANGE NAME OF VICK CHEMICAL CO.

Vick Chemical Co. of Guilford County, North Carolina, has changed its name to the Peerless Chemical Co., according to the corporation records of the State of Delaware. At the same time, a new company, named the Vick Chemical Co. has been incorporated in the same state by William Y. Preyer, James F. Hoge, and J. D. Nelson, all of Greensboro, N. C. to deal in Vick's Vaporub. The latter organization is evidently a new sales company.

### COLGATE WINS VOLCANIC ASH RATE CASE

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 12—The rate on volcanic ash in carloads from Meade, Kansas, to Jersey City, N. J., have been found unreasonable by the Interstate Commerce Commission. A reasonable rate was prescribed for the future and reparation awarded. This decision was rendered in the case of Colgate & Company against the Pennsylvania Railroad.

Lehn & Fink Products Co., New York, has been granted a state charter in Delaware and is authorized to deal in securities, dyestuffs, and chemicals, as well as to operate a chemical laboratory. The capital consists of 1,115,000 shares of no par value, of which 1,000,000 shares will be common stock and the balance management stock.

Rock Island Railroad has issued a folder for distribution to pharmacists giving the program of the American Pharmaceutical Association's seventy-third annual meeting to be held in Des Moines, Aug. 24 to 29, describing the several side trips possible, and pointing out the low fares possible under special tourist and convention rates.

New Jersey Alcohol Co., which under the management of Joseph C. Eggert, has refitted the old Baker Cocanaut plant, Doremus Ave., Newark, N. J., is reported to be ready for operation and will be in production shortly.

## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 438-464

### INCREASED DEMAND FOR FINE CHEMICALS

**Better Inquiry Now in Evidence—Firm Tendency Shown in Many Items—Intimations of Good Fall Business Appearing—Price Changes Few But Significant**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

<b>Advanced</b>	
Codliver Oil, 50c bbl.	Glycerin, 3/4c lb.
<b>Declined</b>	
Amyl Acetate, crude, 14c gal.	Camphor, Jap., 1c lb.
Refined, 50c gal.	Citric Acid, Imp., 3/4c lb.
	Haarlem Oil, Imp., 10c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	.35	.35	.35	.33	2.00	.20
Acid Citric Import .....	.45	.46	.46	.46	1.25	.45
Cateine, Alkaloid .....	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American .....	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap. ref. ....	.73	.74	.76	.68	3.55	.41
Iodine, Resublimed .....	4.65	4.65	4.65	4.40	5.00	3.75
Menthol .....	11.75	11.75	11.25	12.00	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.38	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.50	.50	.50	.41 1/2	1.05	.50
Average .....	2.265	2.267	2.224	2.22	5.92	1.56

Dealers generally report increased inquiry for products used in the pharmaceutical and drug industries and are looking forward to increased fall buying with pleasurable anticipation after the usual summer dull period. The lax period started somewhat earlier than usual this summer but indications are not lacking that its termination is also a trifle ahead of schedule. While very few large buying orders, outside the usual run of routine business, have yet appeared, increased inquiry is reported from all sides and one or two orders have already resulted which point the way to better buying in the near future. Price changes are not greatly in evidence as yet, but are generally expected in many lines when active buying does bring out the condition of stocks and the need of certain items on the list. Codliver oil is increasingly firm, menthol is now in a strong position, and mercury is regarded as well held. Japanese camphor, and imported bromides are in poor demand at present and little of interest has developed there. Interest centers around alcohol, which is oversold in some quarters and no new business is being solicited in any quarter. Amyl acetate and imported Haarlem oil are both easier.

**Acetanilid**—The market for this material continues normal with prices unchanged.

**Acid, Acetylsalicylic**—Interest in this item is at present rather quiet with prices unchanged at recently announced figures, resale stocks going a trifle lower than manufacturers prices.

**Acid, Benzoic**—Activity in this market is reported to be good at unchanged prices.

**Acid, Citric**—Prices remain firm for domestic which is controlling the situation with demand good. Imported is reported lower on spot at 45c@45 1/2c but replacement values are higher.

**Acid, Diethylbarbituric**—Better inquiry is evident in this item with price firm at \$4.25@\$4.50 for imported acid. Domestic is unchanged at \$8.00@\$9.00 lb.

**Acid Salicylic**—Some weakening of position is apparent in this acid but prices are as yet unchanged at former levels.

**Acid, Tartaric**—The domestic acid is moving in good volume at unchanged prices with imported quiet, due to inability to compete in price.

**Alcohol**—It is understood that none of the manufacturers or dealers are soliciting business at current prices and it is even reported that one or two have already sold more than their original estimated production. No actual shortage exists but the whole position is exceedingly firm. No. 5 completely denatured is now quoted at 49 1/2c @52 1/2c gal. in drums as to holder with some contracts actually written at the higher figures.

**Alolin**—There has been no change in this situation and prices are firm at unchanged figures.

**Amidopyrine**—Increased inquiry is reported in some quarters and importers are generally asking \$4.75@\$5.00 although domestic manufacturers are unchanged at \$4.60 @ \$4.75 and anticipate no advance.

**Amyl Acetate**—Following the recent disturbed condition in the fusel oil situation there has been a reduction in the price of the acetate to \$2.55@\$2.64 for the crude and \$3.00@4.25 for the refined with the probability that better could be done.

**Antipyrine**—Little change is likely in this market for some time and prices are firmly held by makers, although resale quantities are quoted at 5c below their prices.

**Bromides**—Interest in these products is on the wane at present and demand is practically non-existent as far as spot goods of foreign origin are concerned. Domestic producers report a steady flow of contract goods at unchanged prices. The only imported bromide immediately available is potassium which is held at 43c@44c lb with the upper figure more popular. Replacement values are higher for all bromides.

**Camphor**—The demand for this article is routine and the market is quiet at 73c@74c lb for Japanese 2 1/2 lb slabs with ounce cakes at 89c lb. Domestic refiners are unchanged at former figures.

**Chloroform**—The market is reported to be moving in a routine manner at unchanged prices.

**Codliver Oil**—This market continues to be firmer and probably will be firm through the Fall. About the best that can be done at the moment is \$36.50@\$38.00 barrel.

**Cream Tartar**—There has been no change in this situation with prices unchanged at former levels.

**Creosote Carbonate**—A fair degree of firmness characterizes this market despite the recent reduction.

**Ether**—The market continues firm with prices unchanged. Motor ether is steady at recent advance.

**Fusel Oil**—Uncertainty characterizes this market and all kinds of quotations are in evidence. The price ranges at \$2.20@\$2.50 gal. and \$2.15 has been done recently.

**Glycerin**—C. P. is firmer and holders are asking 19c@19 1/2c lb. Dynamite is unchanged at 18 3/4c@19c although



lower is offered in the middle West. Soap lye is firmer at 12½c lb.

**Glycerophosphates**—The market for these products continues steady at unchanged prices. Magnesium is unchanged at \$3.20@3.25, recent report of a decline being an error due to a correction being made in the price list to cover quantity lots.

**Haarlem Oil**—Imported oil is easier at \$3.65@4.00 with domestic unchanged at \$3.25@3.30 lb.

**Hexamethylenetetramine**—There has been no change in this item which is moving in a routine way at the recently reduced price.

**Menthol**—The market is firm and well in hand at \$11.75@12.00 lb as to quantity although it is intimated in one quarter that \$11.65 can be done.

**Mercury**—The market is regarded as firmer at the source although the open quotation of \$83.00@83.50 is admittedly open to shading.

**Mercurials**—There has been no change in these products which are moving in a routine manner with prices well maintained.

**Methanol**—Less trepidation is evident on the part of producers in spite of the recent refusal to apply the anti-dumping clause against the German product, and the market is firming up. Prices are at present unchanged but are liable to an advance as soon as a good demand appears.

**Potassium Permanganate**—There can hardly be said to be any market for this item at present although quotations are made at 14½c@15½c lb. A sale was recently made at 14c lb.

**Sodium Benzoate**—Now is the period when business is being done by the preserving trades and some activity is shown for soda benzoate. Prices are steady at recent decline.

**Zinc Stearate**—There has been no change in this product, which is moving in fair volume at steady prices.

#### NORVELL SECURES METHANOL DRAWBACK (Special to Drug & Chemical Markets)

Washington, D. C.—The Customs Service has announced the allowance of drawback on formaldehyde and hexamethylenetetramine manufactured by the Norvell Chemical Corp., of New York, at its plant at Perth Amboy, N. J. with the use of imported methanol.

#### NEW PHARMACOPOEIA OUT AUG. 15

The tenth revision of the United States Pharmacopoeia will be placed on sale Aug. 15 by P. Blakiston Son & Co., Philadelphia, according to an announcement of the board of trustees. The price will be \$4.00 per copy.

Bureau of Supplies and Accounts, Navy Department, will receive bids on August 18 for 5,000 wine gallons of alcohol for the Boston Navy Yard. Bids will also be received on the same date for 3,000 wine gallons of alcohol for the Philadelphia Navy Yard and for 36 gallons of the same for the Mare Island Navy Yards.

A cocoa exchange is to be opened in New York at 124 Water St. A state charter has been granted and burlap, spices, and rubber are regarded as products that might be included. The permanent secretary is Robert Cross formerly of W. R. Grace & Co.

No proprietary medicines, wines, or foods may be imported into the Sudan unless the quantities of drugs contained in each are printed on the labels in English, or the product has been approved for import by the central sanitary board.

#### VANILLA DECLINES AGAIN IN LONDON

**Chemical and Drug Markets Dull—Cascara Sagrada and Codliver Oil Higher—Senega Up Again—Lemon Oil Easier—Quicksilver Weakens—Caffeine Declines—Sodium Salicylate Firmer**

##### (Special Cable to Drug & Chemical Markets)

London, Aug. 12—The chemical and drug markets are dull this week. Another decline has been registered in Bourbon vanilla beans. Higher prices are reported for cascara sagrada bark, sugar of milk, and cocaine. Senega root is up again. Codliver oil has been advanced to 148s f. o. b. Bergen. Benzoic acid is also higher this week. Sodium salicylate and linseed oil are firmer.

Prices for caffeine have been reduced. Glucose is also lower, as is rubber. Lemon oil is easier. Quicksilver has weakened considerably. Acid salicylic is slightly easier. Oil cassia, has softened. The position of platinum is easier.

London, Aug. 1 (By Mail)—Last Thursday's drug auctions passed off quietly with only moderate offerings. Ipecac, Matto Grasso, was the only class represented and although sea damaged fetched full prices with good competition. Rhubarb and cardamoms were sparsely offered. Sennas and Jamaica sarsaparilla are in downward tendency and the former elicited no bids.

**Cascara Sagrada** is 5s per cwt. dearer on the week at 50s with inducement offered to bid less by quantity c. i. f. for new crop.

**Codliver Oil**, Loften remains firm with tendency upward at 145s f. o. b. Bergen, although this is the quietest season of the year.

**Pepper** is a good market and prices advancing. Fair Singapore is again higher at 8d per lb on spot and white Muntok is appreciably dearer at 1s 0¾d. per lb.

**Oil Bergamot** comes over higher from Sicily, probably the result of speculation and is quoted up to 19s 6d per lb c. i. f. Good brands are still available on spot at 16s 6d.

**Eucalyptus Oil** has been moving of late in buyer's favor and the higher Cineol standards are well kept up—75 to 80% is offering at 1s 9½d and 80 to 85% at 1s 10½d per lb.

**Essential Oils**—There has been a good demand this week. English **Peppermint** owing to the partial failure in growth in the later months of last year and heavy rains in the Spring the crop will be poor and prices will rule high. This equally applies to **Spearmint** and **Valerian**. On the other hand a few of the English medicinal herbs have done well and the present prevailing late rains cannot fail to improve the crops materially especially **Chamomyle**, **Thyme**, **Lemon Thyme**, **Dandelion**, **Sage** and **Henbane**.

**Rhubarb**. Canton small round is scarce and dearer and has sold up to 2s 6d per lb.

**Sarsaparilla Jamaica** both **Native** and **Grey** are cheaper the former is now selling at 1s 7d to 1s 8d per lb as to quality and the latter at 1s 5d per lb.

**Citric Acid Bt** is obtainable at 1s 4d per lb being cheaper.

**Litharge** following last week's advance in the metal has been raised to £47.10s per ton and looks like going higher.

**Mint Oil**, **Japan** is easier on spot at 17s per lb whereas the forward shipment prices are firm.

**Balsam Copaiba** is easier at 2s 6d per lb c. i. f.

Great Western Silica Co. plant at Roza, Wash., was damaged to the extent of \$30,000 by fire recently.

## The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 456-461

### STRAMONIUM HIGHER FOR SHIPMENT

Spot Also Advanced—Shipment Positions For Many Crude Drugs Firmer Than Spot—Trading Fair For Summer Season—A Sellers' Market Anticipated This Fall—Lycopodium, Senega and Lupulin Continue High—A Number of Declines Noted on Routine Trading

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Anise, star, 1c lb.	Mastic Gum, 2c lb.	Anise, Span., 1/4c lb.	Horehound Herb, 1/4c lb.
Cassia, Chin. sel., 1/4c lb.	Mustard, Du., yel., 1c lb.	Berberis Aquifolium, 2c lb.	Lobelia Herb, 4c lb.
Cloves, Zanz., 1c lb.	Paprika, 2 1/2c lb.	Blackhaw Bark, root, 1c lb.	Malva Flowers, blue, 2c lb.
Fumigating Pastilles, 22c lb.	Pimento, 1 1/4c lb.	Celery seed, 2c lb.	Millet Seed, 1/4c lb.
Ginger, Afr., 1/4c lb.	Poppy Seed, 1/4c lb.	Chamomile Flowers, Hung., 2c lb.	Mustard Seed, 1/4c lb.
Mace, 2c to 3c lb.	Senega Root, 2c lb.	Doggrass Root, 1/4c lb.	Pepper, 1/4c lb.
Malva Flowers, black, 5c lb.	Stramonium Leaves, 1/4c lb.	Hemp seed, 1/4c lb.	Sandarac Gum, 3c lb.
Wormseed, Levant, 10c lb.		Henna Leaves, 1/4c lb.	Turmeric, 1/4c lb.
			Valerian Root, 1c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP	33	33	33	39	90	42
Buchu Leaves, Short	63	63	65	75	4.00	85
Cantharides, Russian	75	75	75	90	9.00	2.10
Cocculus Indicus	08	08	08	03	85	08
Ergot, Spanish	48	48	52	30	4.50	54
Insect Powder, pure	32	32	35	48	1.00	29
Ipecac, Cartagena, powd.	2.60	2.60	2.25	2.25	4.50	1.35
Nux Vomica	05	05	05	05	14 1/2	07
Opium gum	12.00	12.00	12.00	9.00	30.00	5.00
Rhubarb Root, H. D.	38	38	38	29	1.75	15
Tragacanth No. 1, ribbon	1.45	1.45	1.45	1.20	6.00	1.50
Wild Cherry Bk. Thin nat	08	09	09	08 1/2	21	07
Average	1.596	1.596	1.575	1.32	5.28	1.60

The principal feature of the crude drug market is the firmness of foreign sources which are in a large number of cases higher than the present spot market. Because of this, dealers have a feeling that when consumers begin actively to look for goods, they will have to look around considerably and the market will be a sellers' rather than a buyers' market as it is now. Dealers are doing their buying now in a number of instances and are generally looking for much higher prices in the fall. This shipment condition is particularly noticeable in stramonium, ergot, and chamomile flowers but is also very much in evidence in a number of other instances. Lycopodium, lupulin and senega continue high and scarce with a number of other items firmer on spot. The number of declines exceeds the number of advances but they are not regarded as quite so significant either in the products affected nor in amounts of the change. Trading is not excessively active but is held to be good for the summer season.

**Anise**—Star anise has again advanced and is now quoted at 14 1/4c@15c lb while the latest quotation on the Spanish is lower at 16 1/4c@17c lb.

**Asafetida**—While this gum is still available at 23c lb in some quarters, others are asking as high as 26c lb for it now. The powdered is unchanged at 38c@40c lb.

**Balsams**—There has been no change in this situation with prices steady. The market is easy, especially for the copaiba which is quoted at 47 1/2c@50c lb for the

Para and 52 1/2c@53c for the South American. Other balsams are firmer in position.

**Berberis Aquifolium**—The market is easier and prices are lower at 11c@13c lb as to holder.

**Blackhaw Bark**—The bark of the root is a trifle easier in position with the price down to 30c@31c lb with the bark of tree unchanged.

**Buchu**—Little interest is exhibited in this item which is rather weakly held at recently announced reduction.

**Calendula Petals**—This market is firmer and the majority of holders have advanced their price to 25c lb. Goods are still available, however, at 23c@33c lb, as to grade.

**Cascara Sagrada**—Little spot interest is shown at the moment, but quotations from the coast are steadily firmer. Prices are unchanged in New York.

**Cassia**—The China select rolls have advanced in price to 7 1/4c lb, with Batavia unchanged at recent prices.

**Chamomile Flowers**—The spot market shows practically no interest at the moment. Prices in New York are 16c@18c lb for the Hungarian and 20c@25c for the Roman. Shipments are much higher, and higher spot prices are looked for in the fall when demand is expected to put in its appearance.

**Doggrass Root**—This root is reported easier at the reduced price of 10 1/2c@11c lb.

**Ergot**—Although the spot market is weak at recently reduced price, shipment prices are higher and this item is very firm abroad. The Fall should see an advance in the price of this, in the opinion of most dealers.

**Fumigating Pastilles**—There has been a sharp advance in the price of this to 45c@50c lb.

**Gums**—This market continues firm in the main, but shipments have recently been received of sandarac and that is now quoted at the reduced price of 42c@45c lb. Mastic has advanced to 58c@60c lb. Other gums are firm at unchanged prices.

**Henna Leaves**—This market has proved disappointing to many in that expected high prices have not materialized. The current price has declined to 8 1/2c@10c lb.

**Horehound Herb**—This item is easier at the reduced price of 8c@10c lb.

**Insect Powder**—The flowers are steadily firming up from abroad but there has been no change in the price of the powder as yet.

**Ipecac**—This item continues scarce and high at recently advanced prices.

**Lobelia**—The herb has weakened somewhat and is now quoted at 36c@40c lb, although no new crop will be available until October. Seeds are unchanged at former quotations.

**Lupulin**—Most holders have advanced their prices to \$1.75@\$1.80 but one holder is still willing to do \$1.60 lb.

**Lycopodium**—Some small lots are still obtainable at 95c lb but the general market is held at \$1.00@\$1.15 lb. Nearby positions are offered at 95c lb.

**Malva Flowers**—The blue flowers are quoted over the wide range of 32c@40c lb, the lower figure being a reduction. Black flowers are firmer at 60c@70c lb.

**Sarsaparilla**—Mexican is unchanged at 22c@23c lb as to holder with somewhat easier quotations heard for the Honduras of 67c@70c lb, also as to holder.

**Seeds**—The seed market has been fairly active during the past few weeks. Dutch poppy has advanced to 10¼c @10¼c lb; celery seed continues scarce and high although the lower figure of 32c@34c lb can now be done; hemp is very much easier at 3¼c@4¼c lb and domestic yellow millet is also easier at 3½c@4c lb.

**Senega Root**—Continued firmness characterizes this item and 60c lb is now regarded as the inside price while many are holding for 70c. Intimations are abroad that 75c lb will be reached before long.

**Spices**—Trading was again active and a number of changes recorded over the week. Zanzibar cloves are advanced to 29c@30c lb; African ginger is higher at 15¼c@15¾c lb; Siau No. 1 mace is up to \$1.08@\$1.09 with Banda No. 1 at \$1.10@\$1.11 lb; California brown mustard has declined to 8¼c@9¼c lb with Bombay brown down to 6¾c@7¼c, and English yellow to 9¾c @11½c. Dutch yellow mustard has advanced to 10c@10½c lb; paprika has advanced to 20½c@24c; white pepper has declined to 28½c@29c lb, Aleppy to 20c@20½c lb, Lampong to 19c@19½c, Tellecherry to 21c@21½c and Muntok to 29c@29½c lb, while Pimento has advanced to 9¼c@9¾c lb.

**Stramonium Leaves**—The spot market has advanced to 10c lb while shipments are reported much firmer at the advanced figure of 12c lb.

**Turmeric**—There has been a decline in this market bringing both Madras and Aleppy down to 9c@9½c lb.

**Wormseed**—While first hands have not changed their prices, New York dealers are now generally quoting the advanced price of \$3.00@\$3.25 lb for Russian with American unchanged.

#### REGULAR MEETING OF DRUG MILLERS

At the regular meeting of the National Crude Drug Merchants and Millers Association, held August 11, in New York, the question of the U.S.P. requirements on meshes of on ground goods, was brought up for rediscussion in view of the fact that the new edition of the pharmacopoeia is to be out this month and the requirements are included. The association urges that these requirements be abrogated as they are regarded as not feasible. There was a discussion of the practice of writing contracts guaranteed against price decline, and the consensus of opinion was opposed to that practice. Election of officers was postponed until next meeting as the final draft of the bye-laws was not yet ready and other items took up the necessary time.

The manufacture of proprietary medicines in Argentina has increased enormously in the past three years and it is thought that over 50 per cent of the consumption of these preparations is now produced in the country. According to statistics recently published by the Internal Revenue Office, the following tabulation gives the numbers of stamps affixed to medicinal preparations of foreign and domestic manufacture during the year 1923, says the Chemical Division of the Department of Commerce.

The exports of gum arabic from French West Africa during the past few years were as follows: 1913, 3,576 metric tons; 1922, 4,108; 1923, 3,087; 1924, 4,114. This trade depends upon West Africa weather conditions and European prices. France usually takes from one-half to nearly the whole of the exports of this production from French West Africa. England is the second largest purchaser of this article followed by Germany, Holland, and Belgium.

The People's Commissariat for Health for Russia proposes to issue a new Pharmacopoeia which will be the seventh edition, the sixth having been edited in 1910.

#### GIVE TESTIMONIAL DINNER TO JENNINGS

Ralph C. Jennings, sales manager, of the New York Quinine & Chemical Works, New York, was the guest of honor at a testimonial dinner given by his friends in the trade at the Druachem Club, New York, on Aug. 11. About fifty were present to bid Mr. Jennings farewell prior to his moving to Chicago on Sept. 1. A handsome traveling bag and equipment were presented on behalf of the diners by B. M. Spencer, president of the club. B. J. Gogarty was in charge of arrangements. The dinner was a complete surprise to Mr. Jennings, who entered the club to find a half hundred friends awaiting him.

**Mr. Jennings goes to Chicago** on Sept. 1 to represent the New York Quinine & Chemical Works, J. L. Hopkins & Co., and B. M. Spencer & Co., in the Middle-West. During the evening, he received a host of good wishes in his new venture. He is well-known in the Mid-West territory, having previously spent a number of years traveling out of Chicago.

Pharmacy Week, in which all the nation's drug organizations and Colleges of Pharmacy will participate, is to be observed throughout the country from October 26 to 31, according to plans announced by the American Pharmaceutical Association. Exhibitions will be held and plans are under way for reminding the public that the drug store is really a drug store and not merely a notion store and soda fountain. Closer connection will be attempted with pharmacists of other countries.

B. F. Wallach, at present connected with the Kachurin Drug Co., New York, will enter the jobbing business in Jacksonville, Fla., as the Wallach Drug Co. He will act as agent for several manufacturers and will add to his line later on. Mr. Wallach is at present manager of the Kachurin Drug Co., New York, which position he has occupied for the past two years. He plans to leave New York about September 15.

Surgeon General H. S. Cumming has announced that "National Health Service" which sells a "Health Book," has no connection with the Public Health Service nor any other branch of the Government so far as he has been able to learn. This announcement was called forth by the repeated cases where the two organizations have been confused. The Government Public Health Service does not endorse the "National Health Service" nor its books.

The Pharmaceutical Society of Latvia has issued an invitation to the members of the pharmaceutical profession in Esthonia, Finland and Lithuania to meet in Riga for the consideration of questions regarding the rights and duties of pharmacists in these countries, with a view to establishing themselves more securely against competition from those not properly prepared to perform their duties.

Theodore Flaacke, treasurer of D. W. Williams Co., manufacturers of a patent medicine at East Hampton, Conn., is retiring from the business due to the higher postal rates making it impossible for his company to do business.

Ceylon exported 3,751,892 pounds of cinnamon quills and 1,429,764 pounds of cinnamon chips last year, an increase over the previous year of 182,623 pounds in the case of the quills and 48,171 pounds in the case of chips.

R. Hillier's Son Co., crude drug millers, have moved from their old quarters at 89 Fulton St., New York, and are now occupying their new quarters at 51 Maiden Lane.

The 1924 crop of ginseng from Nanking was smaller than usual, amounting to about 80 piculs according to the "Chemist & Druggist," London.



## The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 461-462, Aromatic Chemicals, 462

### PEPPERMINT DROPS TO \$13.00 lb ON SPOT

Break Has Been Awaited—Follows Offers From Country For Immediate Shipment at \$12.00—Bergamot Higher for Shipment—Scarcity of New Spearmint Oil Feared—Wormseed Holds Up—Bourbon Vanilla Weak

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Cloves, 5c lb.	Oil Geranium, 25c lb.
Declined	
Oil Anise, 2c lb.	Oil Peppermint, \$5 lb.
	Vanilla Beans, Bourbon, 25c lb.

#### Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Oil Bergamot .....	\$4.75	\$4.75	\$3.75	\$3.75	\$7.00	\$5.00
Oil Citronella Ceylon ....	.50	.50	.55	.80	1.02	.60
Oil Cloves .....	1.90	1.85	1.70	1.75	3.70	1.40
Oil Lemon, Italian .....	1.45	1.45	1.60	.80	1.70	2.00
Oil Peppermint Nat. ....	13.00	18.00	19.00	4.00	9.00	2.24
Oil Sandalwood, E. I. ....	7.00	7.00	7.00	6.25	14.00	5.25
Oil Sassafras, Artif. ....	.27	.27	.27	.35	1.00	.26
Coumarin .....	3.10	3.10	3.10	3.50	31.00	3.10
Benzaldehyde U. S. P. ....	1.30	1.30	1.30	1.50	5.15	1.50
Methyl Salicylate, Cans. ....	.45	.45	.47	.47	1.00	.85
Vanillin .....	.40%	.40%	.40%	.40%	.56	.50
Average .....	3.12	3.62	3.60	2.14	6.83	2.05

Business in essential oils continues active, with consumers buying steadily. Several houses report that August will be one of the biggest months this year if demand keeps up the way it has started. The general trend of values is still toward higher levels, although a sharp break in spot peppermint quotations, as has been expected, will probably show a marked decline in the market average. The outstanding development this week has been in peppermint with lower prices from the country for shipment. Bergamot is very strong at higher levels for shipment. Cassia holds at the recent advances. The upward swing in wormseed finds stocks small and the market well supported. Latest reports state that the spearmint crop is only a fraction of normal this year. The Bourbon vanilla position continues soft with little buying.

#### Essential Oils

**Oil Almond**—Bitter oil unchanged and quiet at \$3.00 lb up as to quality and seller for U. S. P. F. F. P. A. \$3.15 up. Sweet almond 75c lb to 95c as to brand. Peach kernel 55c@60c lb.

**Oil Anise**—For U. S. P., the range is from 70c lb up to 75c according to seller and quantity. Technical is not mentioned very often, but the market appears to be 68c@70c spot. Demand is quiet.

**Oil Bergamot**—The higher prices and strong position of oil bergamot are unchanged. Shipment is costing from \$4.75 to \$5.30 to lay the goods down in New York. On spot for standard brands, \$4.75 lb is inside. Range is to \$5.25 as to seller. As low as \$4.25 lb is indicated to have been done for spot bergamot this week, but whether the oil was standard goods or not was not stated. New crop shipments five months away.

**Oil Caraway**—Dull and easy with demand limited to jobbing quantities at \$1.70@2.00 lb spot for U. S. P. oil.

**Oil Cassia**—On spot, \$2.75 lb is still the market for U. S. P. with prices firm and the market well supported. Demand remains fair. As to seller and quantities, the price ranges up to \$3.00. Technical is not receiving much attention. Price range is from \$2.25 up.

**Oil Citronella**—Easiness is still characteristic of the spot market and the shipment position is not reported any firmer. Prices, however, remain unchanged at any thing from 50c lb up for spot drums of Ceylon oil. Some holders quote 52c, 55c, and even 56c lb. Cans from 52c lb to 60c. Demand is slightly better and apparently responsible for the cessation of the downward swing in the price. Java oil 95c.

**Oil Cloves**—Distillers name \$1.90 lb inside for spot oil in cans. The strong position of the spice holds the oil market firm. Clove oil is available in resale hands at \$1.85 lb, but quantities outside of first hands are limited.

**Oil Geranium**—Stronger, although consumers are reported well stocked. Spot Bourbon range runs from \$4.00 up to \$4.75 lb. High grade oil is generally commanding \$4.50 up.

**Oil Lemon**—No change in the price of spot oil is noted, the range still being from \$1.45 up to \$1.75 lb as to brand and quantity. Shipment is not quite as high as formerly noted, although sufficiently high to maintain the current market here. Best is said to be \$1.35 laid down New York for shipment.

**Oil Orange**—Demand for orange from consuming quarters is not brisk at this time. Prices are unchanged and range from \$2.65 lb up to \$3.00 for Italian as to quantity and brand. In a big way, \$2.60 is named on spot for standard goods. West Indian is held at \$2.50 @2.65 lb unchanged.

**Oil Peppermint**—As has been expected, the prices for spot peppermint oil broke sharply this week. The nearness of new oil in quantity, and the fact that recent distillation has already been offered on the spot market, brought the inevitable reaction. Prices first dropped to \$17.00 for natural, then to \$15.00, and later to \$13.00 lb spot. Redistilled oil came down proportionately, but stopped at \$15.00. These last prices are about in line with \$12.00 prices in the country for immediate shipment. Wrangling over the extent of the crop is still going on; so is distillation in the Middle-West. The situation has opened up quite normally and trading appears to be going on under conditions which characterize peppermint business each year. The developments of the past week or two do not appear to substantiate reports of iron-clad agreements among distillers and shippers to hold prices up. Demand for spot oil is very light. Most business is of the contract kind from big consumers who are forced to cover for requirements some time into the future irrespective of price. Two of the biggest American users of peppermint are reported to have covered their needs for the season under seven dollars, but this appears quite improbable.

**Oil Spearmint**—A drastic shortage of spearmint oil is reported this year, due chiefly to everybody in the country concentrating on the higher priced peppermint. Only a fraction of last year's crop is reported. On spot, position is quiet at \$8.00@8.25 lb with demand small.

**Oil Wormseed**—The excitement of last week has

quieted down although prices have held their gains firmly. On spot, \$4.75@5.00 lb is named. The country is still very bullish and holding back on quotations for new oil. The appearance of any real demand in the spot market is likely to bring another upswing in the price.

**Aromatic Chemicals**

**Coumarin**—Item is quiet without change. Demand is seasonable and routine quantities are moving into consumption. Makers quote \$3.10@3.25 lb with resale lots held at the same price.

**Menthol**—Demand has been somewhat less this week and slight shading of prices has been noted. Chief holders quote \$11.75 lb inside without change for cases; \$11.90@12.00 for less.

**Vanilla Beans**

Position of Bourbon beans is still weak as buyers continue to hold off. Some orders have come into the market and have been filled at \$5.25 and \$5.50 lb. Plenty of sellers are holding stocks on spot, but are not forcing sales at present prices. Any active demand would likely stiffen the market to about \$6.00, but a rise above this for some time is unlikely. Mexican beans are firm and quiet, although the influence of the Bourbon weakness is not tending to strengthen their position; spot \$8.50@10.00 lb. Still plenty of off grade Bourbons on the market here and careful purchasing is required.

**MODIFY ALCOHOL FORMULA NO. 39-D**

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12—The Commissioner of Internal Revenue is sending to collectors a modification of specially denatured alcohol formula No. 39-D. It is amended to read as follows: "To every 100 gallons of pure ethyl alcohol add 1 gallon of bay, N. F., and 50 ounces avoirdupois quinine sulphate, U. S. P. or 200 ounces avoirdupois sodium salicylate, U. S. P."

Recent tests carried on in England of commercial "lemon oils" yielded results characteristic of lemon-grass citral, and showed that the samples under question contained some azo dyes. In commenting on the tests, Ernest J. Parry, in the *Perfumery and Essential Oil Record*, London, states that fraud in lemon oils is great at present and that it is facilitated by the manufacture of terpeneless lemon oils which liberates large quantities of the terpenes.

The production of sandalwood oil in Western Australia has made rapid advances in the past few years. Latest figures available show that in 1918-1919, 3,720 pounds of oil were exported. This oil in common with the East Indian oil contains a high proportion of sesquiterpene alcohols, but aside from that the two differ widely in their constituents and physical characteristics.

Standard Chemische Werke A.-G. has been organized at Ujpest, Hungary, to manufacture fats, soaps and general chemicals. The company is capitalized for 100,000,000 kronen, and the directors are K. Weil, L. Philipp, and A. Sandor.

Soap in the shape of apples, plums and other fruits is dutiable at 30 per cent. ad valorem as toilet soap instead of at 60 per cent. as artificial fruit under the tariff act of 1922 according to a decision sustaining protest of Calhoun, Robbins & Co., handed down by Judge McClelland.

Regulations No. 61, covering industrial alcohol, revised as of July, 1925, are now available in printed and bound form from the Government Printing Office, Washington, at fifteen cents per copy.

**FORECAST 300,000 LB. PEPPERMINT CROP**

(Special to Drug & Chemical Markets)

Washington, D. C., Aug. 12—About 16,000 acres of peppermint will be harvested this year, for the distillers of peppermint oil, the United States Department of Agriculture announced today. Of this area, about 12,000 acres are in northern Indiana and 4,000 acres in Michigan. At the end of the planting season, this year, there were about 26,000 acres in peppermint in Indiana and somewhat more than 9,000 acres in Michigan, or about 35,000 acres in the two States. Less than one-half of this remains for harvest after the damage by frost and wind in the last week in May and the first week in June.

Last year, about 18,000 acres of peppermint were actually harvested in Michigan and Indiana after about one-third of the acreage had been abandoned. The acreage planted to peppermint in the spring of this year was much greater than the planting of 1924, but frosts and high winds destroyed a large acreage and retarded the growth of an additional acreage, so that it will yield but little peppermint, though some of it may make a stand for next year. The bulk of the material, or straw, per acre last year was large, but the oil yield low. This year the material per acre will not be more than two thirds as large as last year, but the yield of oil per "charge," it is expected, will be nearly twice as much. The plants, this year, have a high proportion of leaves to total bulk. The peppermint industry has had two years of short crops, following several years of overproduction. The acreage has been constantly expanded each year, but on land less adapted to the crop and by inexperienced growers. Hence, the production has not increased as the acreage has.

Growers and buyers estimate last year's production of peppermint oil at 300,000 to 330,000 pounds. The expectation seems to be that about the same quantity will be produced this year. The normal yearly consumption in this country is supposed to be about 400,000 pounds. In the calendar year 1923, a little more than 123,000 pounds of peppermint oil was exported from this country, valued at \$366,273, or about \$3 per pound, and in 1924 the exports were 176,820 pounds with a value of \$846,528, or nearly \$5 per pound. During the last winter the price of the oil soared as high as \$12 to \$15 per pound. Imports of 376 pounds of peppermint oil were reported for 1923 and 8,469 pounds during the first half of 1925.

As the Venezuelan production of toilet preparations is very small, the consumption may be estimated from the statistics of importation, says the Chemical Division of the Department of Commerce. Considering 1923 as a normal year the annual consumption may be roughly estimated as follows: Toilet waters and lotions, 225 metric tons; toilet powders, 70 metric tons; cosmetics, pomades and preparations for the hair and skin, 11 metric tons; dentifrices, 8 metric tons; perfumery, not otherwise specified, 20 metric tons; and perfumed soaps, 100 metric tons.

Canada exported only 365 lbs. of toilet soap, valued at \$46, to the United States, during the year ended March 31. In the same period 3,454,514 lbs. were exported to the United Kingdom, valued at \$488,312. Other soaps exported to the United States amounted to 53,675 lbs., valued at \$2,442.

William Wrigley, Jr. Co., Chicago, has purchased the physical assets of Listerated Gum Corp., which owns a factory at Newport, R. I. As of December 31, 1924, Listerated Gum Corp.'s balance sheet carried plant and equipment at \$548,296 and good will at \$150,000.





## Chloride of Silver

## Nitrate of Silver

*Two C.P. and U.S.P. Products*



Manufactured at Cooper's Newark plant since 1857.  
We can supply immediate or future requirements and  
solicit your inquiries.

*Manufacturing  
Chemists  
Since 1857*

**CHAS. COOPER & CO.**  
192 Worth Street, New York

*Works  
NEWARK,  
N. J.*



## "MENTHOL-Y"

(Reg. U. S. Pat. Off.)

**Chemically Identical  
with  
Japanese Menthol**

Write us for price and sample

**THE NEW YORK QUININE AND  
CHEMICAL WORKS, INC.**

*Main Offices and Works*

99-117 North 11th Street, BROOKLYN, N. Y.

ST. LOUIS DEPOT: 18 S. Broadway

## P-W-R

Codeine Alkaloid U. S. P.

Codeine Phosphate U. S. P.

Codeine Sulphate U. S. P.

Morphine Sulphate U. S. P.

Morpine Acetate U. S. P. 8th Rev.

Morphine Hydrochloride U. S. P.

Opium U. S. P.

**POWERS-WEIGHTMAN-ROSENGARTEN CO.**

**MANUFACTURING CHEMISTS**

New York **PHILADELPHIA** St. Louis

## BUTANOL

Research has already opened wide outlets for our products in the  
Lacquer, Cellulose and Rubber fields.

Undoubtedly the solvent power, blending effect or some other character-  
istic of BUTANOL, ACETONE or derivatives of these products, will make  
these relatively new materials useful in many other fields.

Why not use our RESEARCH DEPARTMENT to investigate? If un-  
successful, you lose nothing; if successful, we both benefit.

## Commercial Solvents Corporation

17 East 42nd St.,  
NEW YORK, N. Y.

**SALES OFFICES:**

TERRE HAUTE, IND.

Plants:—Terre Haute, Indiana and Peoria, Illinois

10a, Featherstone Bldgs.,  
High Holborn, W. C. 1,  
LONDON, ENGLAND

## Chemicals

## ACID

## MURIATIC, 30° chys. le/l

Wks. ....100 lb	1.60	1.70
Chys. c/l wks. ....100 lb	...	1.35
Tank cars, wks. ....100 lb	...	1.00
18°, 120 lb chys. ....100 lb	...	1.25
c/l wks. ....net ton	...	...
Tank cars, wks. ....100 lb	...	1.85
c/l wks. ....100 lb	...	...
Muriatic, CP & USP, see Acid Hydrochloric	...	...
Naphthionic, tech. 250 lb. bbls	...	.55
Noville & Winther's, 350 lb	...	.95
bbls ....100 lb	...	...
NITRIC, 36°, 135 lb	...	...
Chys. le/l wks. ....100 lb	4.75	5.00
Chys. c/l wks. ....100 lb	4.50	4.75
38° le/l chys. wks. ....100 lb	5.25	5.75
Chys., c/l wks. ....100 lb	5.00	5.25
40° le/l chys. wks. ....100 lb	5.75	6.00
Chys., c/l wks. ....100 lb	5.50	5.75
42° le/l chys., wks. ....100 lb	6.25	6.75
Chys., c/l wks. ....100 lb	6.00	6.25
C. P. chys. single wks. ....100 lb	.13	.13
Smalls, 300 lb bbls., wks. ....100 lb	.10%	.11
Bbls., NY ....100 lb	.10%	.11
Kept, 160 lb NY ....100 lb	.11%	.11%
Imp, 500 lb casks ....100 lb	.11	.11%
Phenylchloride, domestic ....100 lb	9.20	9.60
Imported, 5 lb ....100 lb	6.00	6.25
Phosphoric, 50% tech. 150 lb	...	...
chys. ....100 lb	.07	.07%
Syrupy USP, 70 lb drums ....100 lb	.15	.16
Denals ....100 lb	.16	.17
Imported ....100 lb	.15	.16
Second Hands ....100 lb	.15	.16
Phthalic, see Phthalic Anhydride	...	...
Picramic, 300 lb bbls ....100 lb	...	.80

## ACID

Picric, 450 lb bbls. ....100 lb	.26	.27
Bbls. car lots. wks. ....100 lb	...	.25
Pyrogallic, crys. 5 lb casks ....100 lb	1.25	1.30
Resublimed, 5 lb casks ....100 lb	1.50	1.60
Tech. powd., 200 lb bbls. ....100 lb	...	.80
Salicylic, tech. 125 lb bbls. ....100 lb	.33	.34
USP, 100 lb bbls. ....100 lb	.34	.35
Second Hands ....100 lb	.33	.34
Sulfamic, 250 lb bbls. ....100 lb	.15	.18
SULFURIC, 66° 180 lb chys.	...	...
le/l wks. ....100 lb	1.50	1.55
Chys., c/l wks. ....100 lb	...	1.25
1500 lb Drums, le/l	...	...
Wks. ....100 lb	...	1.10
Drums, c/l wks. ....100 lb	...	.80
Tank cars, wks. ....net ton	...	14.00
60° 1500 lb Drums	...	...
le/l wks. ....100 lb	...	1.00
Drums, c/l wks. ....100 lb	...	.80
Tank cars, wks. ....net ton	9.50	10.00
C.P. 175 lb chys. ....100 lb	.07	.08
Oilum 20 p.c. 1500 lb drums	...	...
le/l wks. ....100 lb	...	1.40
Drums, c/l wks. ....100 lb	...	1.15
Tank cars, wks. ....net ton	17.00	18.00
Oilum, 40% drs le/l wks. ....net ton	...	40.00
Oilum, 60% drs., le/l wks. ....net ton	60.00	70.00
Sulfurous, USP 6% 100 lb chys. ....100 lb	.05	.06
4% 100 lb chys. ....100 lb	.04	.05
USP, 5 gal. dems. ....100 lb	.06	.08
Tannic, tech. 300 lb bbls. ....100 lb	.30	.40
USP, powd 200 lb bbls. ....100 lb	.75	.80
USP, fluffy, 50 lb bbls. ....100 lb	.75	.80
Tartaric, USP, crys. 300 lb bbls. ....100 lb	...	.29
USP, powd. 300 lb bbls. ....100 lb	...	.29
Imp. USP, 240 lb bbls. ....100 lb	.27%	.28
Powd., 240 lb bbls. ....100 lb	.28	.28%
Tobias, 250 lb bbls. ....100 lb	...	.85

## ACID

Tungstic, 100 lb kegs ....100 lb	...	1.00
Valeric, C. P., 10 lb bot. ....100 lb	2.50	2.75
Acetone Alk. crys. 1 oz vis. ....100 lb	...	30.00
Amorphous, 1 oz vis. ....100 lb	...	20.00
Adeps Lanac, hydrous 350 lb bbls. ....100 lb	.13	.31
Anhydrous, 350 lb bbls. ....100 lb	.18	.23
Albumen, Egg. edible ....100 lb	1.20	1.25
Tech. 100 lb drs. ....100 lb	.95	1.15
Blood 225 lb bbl. ....100 lb	.48	.55
Vegetable ....100 lb	.60	.65
ALCOHOL, USP, 190 pf. 50 gal.	...	...
bbls. ....100 lb	4.90	5.00
Second Hands, bbls, USP 190	...	...
pf. ....100 lb	...	...
Export, USP, 190 pf. ....100 lb	.60	.65
Cologne Spirit, 50 gal. bbls. ....100 lb	5.00	5.10
WOOD, see Methanol	...	...
Alcohols also in 50 gal.	...	...
drums extra and returnable.	...	...
Butyl, 50 gal drs wks c/l ....100 lb	.25	.26
Drums, le/l wks. ....100 lb	.25%	.26%
Tank cars wks. ....100 lb	.24%	.25%
Diacetone, 50 gal drs fhtg allowed gal	2.15	2.30
Isobutyl, crude, 50 gal drs. ....100 lb	...	...
Refined, 10 lb cans. ....100 lb	...	...
Isopropyl, Refined, 90-91%.	...	...
50 gal. drs. ....100 lb	1.00	1.25
Ref'd, 98-99%, drs. ....100 lb	1.35	1.50
Propyl. nml. crd. 50 gal. drs. ....100 lb	...	4.40
Refined, 10 lb cans. ....100 lb	...	.75
Denatured	...	...
No. 1, Complete Denat. 190 Proof	...	...
50 gal bbl. incl. ....100 lb	.50%	.59%
Car lots ....100 lb	.54%	.57%
50 gal drums extra ....100 lb	.49%	.52%
Tank cars ....100 lb	.47%	.50%
No. 1, Special Denat. 190 Proof	...	...
50 gal. bbl. incl. ....100 lb	.56%	.59%
Car lots ....100 lb	.54%	.57%

## Two profitable

MECCO

## Automobile Dressings

## MECCO TOP DRESSING

Unequalled for restoring the original freshness and attractiveness to genuine or artificial leather automobile tops. It possesses the great advantage of drying quickly so that the car may be placed in use within thirty to forty-five minutes after application. The regular use of this renewer makes the top last as long as the car.



## MECCO TIRE DRESSING

A combined protective and dressing that increases the life of tires. It is especially valuable in the preservation of spare tires, being much superior to a case. This unusual dressing also has the valuable ability to fill up small cuts and abrasions in the tread.

The Miner Edgar Company  
Rail and Water Facilities  
110 William Street  
New York



# ALUMINUM SULPHATE

FORTY years of specialization in the production of Sulphate of Alumina and the uniform adherence to a Standard Quality has made the General Chemical Company the regular source of supply for users everywhere. The Company's positive maintenance of delivery schedules reflects the organization behind the product.

*The same standards obtain in the production and delivery of:*

MURIATIC ACID  
(Hydrochloric Acid)

GLAUBER'S SALT

EPSOM SALTS

NITRIC ACID

SODIUM SILICATE

SODIUM SULPHIDE  
(Chip Patented)

ANHYDROUS  
BISULPHITE SODA

DI SODIUM PHOSPHATE

TRI-SODIUM PHOSPHATE

SULPHURIC ACID

*Oil of Vitriol—Oleum—Mixed Acid—Battery Acid*

ACETIC ACID

*Commercial, Redistilled, Pure and Glacial*

CHEMICALLY PURE ACIDS AND AMMONIA

INSECTICIDES AND FUNGICIDES

# GENERAL CHEMICAL COMPANY

40 Rector Street, New York

Baltimore

Buffalo

Chicago

Cleveland

Denver

Easton

Los Angeles

Philadelphia

Pittsburgh

Providence

San Francisco

St. Louis

The Nichols Chemical Co., Ltd., Montreal

Cable Address: Lycurgus, N. Y.



## Chemicals

## ALCOHOL, DENAT. (Cont.)

50 gal drums extra	gal	.49½	.52½
Tank cars	gal	.47½	.50½
No. 5 Complete Denat. 188 Proof			
50 gal bbl incl	gal	.56½	.59½
Car lots	gal	.54½	.57½
50 gal drums Extra	gal	.49½	.52½
Tank cars	gal	.47½	.50½
No. 6 Complete Denat. 188 Proof			
50 gal bbls incl	gal	.55½	.58½
Car lots	gal	.53½	.56½
50 gal drums extra	gal	.48½	.51½
Tank Cars	gal	.46½	.49½

In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.

Aldehyde Ammonia 100 gal drums	D	.93	
Alcoh. USP, 100 lb casks	D	.85	.88
Alpha-Naphthol crude 300 lb bbls	D	.65	
Refined	D	.85	.90
Alpha-Naphthylamine, 350 lb bbls	D	.35	.37
Ton lots, bbls. wks.	D	.35	
ALUM, Ammonia, lump 400 lb bbls.			
wks. lc/l	D	3.15	3.50
(imp., 500 lb casks)	D		
Ground, 400 lb bbls. wks.	D	3.30	3.75
Powd. 380 lb bbls. wks.	D	3.55	3.90
Chrome, 500 lb cks., wks.	D	5.25	5.50
Potash, lump 400 lb bbls.			
wks.	D	3.50	3.75
Bbls., c/l wks.	D	3.35	3.40
Ground, 400 lb bbls. wks.	D	3.50	3.85

## ALUMS, Potash (Cont.)

Imp. 350 casks	100 D	3.75	
Powd., 380 lb bbls. wks.	100 D	4.00	4.50
Chrome, 500 lb cks. wks.	100 D	5.25	5.50
Soda grd. 400 lb bbls. wks.	100 D	3.75	
Bbls. c/l wks.	100 D	3.50	
Aluminum, metal, c/l NY.	100 D	27.00	28.00
Chloride, anhyd. 275 lb drs.	D	.20	.22
Crystals, 375 lb bbls.	D	.06½	.06
30% sol. 120 lb cys.	D	.08½	.04
Hydrate 96% light 90 lb bbls.	D	.17	.18
Heavy 62-64%, 220 lb bbs.	D	.06	.06½
400 lb bbls. wks.	D	.06½	.07
Stearate, 100 lb bbls.	D	.21½	.22

## SULFATE, Iron-free bags c/l

wks.	100 D	2.00	2.10
Bbls., c/l wks.	100 D	2.15	2.25
Imported, spot	100 D	1.70	1.75
Comm'l. ½% iron bgs c/l			
wks. East.	100 D	1.40	
Cont. bgs c/l wks. East.	100 D	1.35	1.40
Bags, c/l wks. W.	100 D	1.40	
Bbls., c/l wks. East.	100 D	1.55	
Bulk, c/l cont. wks. East.	100 D	1.50	

## Amidol (see Diaminophenol)

Amidoprine, Imp., 10 lb boxes	D	.40	.45
Domestic, 10 lb boxes	D	4.60	5.00
Aminonobenzene, 110 lb kgs.	D	1.15	

## AMMONIA, anhyd. 100 lb cpl.

Water, 26° 800 lb drs. wks.	D	.06½	
Dr. c/l wks.	D	.06½	
C.P., cys.	D	.12	
Imp., 800 lb drs. incl. spot.	D	.08½	.06½
26° 100 lb cys. lc/l wks.	D	.08½	.08½
Cys., c/l wks.	D	.08½	
30° 800 lb drs. c/l wks.	D	.04½	
Cys. lc/l wks.	D	.05½	
18° 800 lb drs. c/l wks.	D	.04½	
Cys. lc/l wks.	D	.04½	

## AMMONIA (Cont.)

16° 800 lb drs l c/l wks	D	.03½	
Cys., lc/l wks	D	.04	
Ammonium Acetate, 100 lb kgs.	D	.43	
Benzonate, USP, 1 lb bot.	D	1.27	
Bifluoride, 300 lb bbls.	D	.21	.23
100 lb kgs	D	.23	.25
Bromide, 450 lb bbls., 50 lb bbs.	D	.53	.54
Imported, 112 lb boxes	D	.55	
Shipment	D	.48	
Carb., tech. 560 lb casks	D	.08½	.09
Powd., tech. 385 lb bbls.	D	.07½	.08
USP, lump, 100 lb kgs	D	.11	.11½
Powd., 100 lb kgs	D	.13	.13½

## Chloride, Domestic

White, 250 lb bbls., c/l	D	.07	
250 lb bbls., lc/l wks.	D	.07½	.07½
Imported white 600 lb cks.	D	.05½	.08
Gray, 250 lb bbls., wks.	D	.07½	.08½
Bbls., c/l wks.	D	.07½	.07½
Imported gray 250 lb casks	D	.06½	.07
Lump, 500 lb casks spot	D	.10½	.11
Ichthyolate, as to brand.	D	4.85	5.00
Iodide, USP, 25 lb jars	D	.80	8.20
Lactate, 500 lb bbls.	D	.15	.16

Nitrate, tech., cys., 225 lb bbls	D	.28	.33
Refined Crystals, bbls.	D	.21	.23
CP gran. 100 lb kgs	D	.35	.37
Oxalate, pure, 100 lb kgs	D	.35	.37
Persulfate, 220 lb bbls	D	.28	.33
Phosphate, dibasic 200 lb bbls.	D	.38	
Tech. powd. 325 lb bbls.	D	.18	
Phosphate, mono, 325 lb bbls.	D	.12	.12½
Sulphate USP, 100 lb kgs.	D	.75	.80
Sulfate bulk c/l	100 D	2.60	2.75
200 lb double bags f a s 100 lb	D	.25	.25
Sulfocyanide, tech., 100 lb kgs	D	.40	.45
CP, 25 lb jars	D	.50	.55
Amyl Acetate, tech 50 gal drs gal	D	2.55	2.60
Refined, 50 gal drums	gal	3.00	3.25
Alcohol, see Fuel oil			



## What "GRASSELLI" Insures You

WHEN you tie up to The Grasselli Chemical Co. as your permanent supply base for Aqua Ammonia, you at once assure yourself of these definite factors—

- an old-established house that have been manufacturing chemists since 1839
- prompt service assured by convenient shipping facilities in 15 cities
- a product that is commercially pure, dry and volatile
- prices that are right.

THE GRASSELLI CHEMICAL COMPANY  
Established 1839 CLEVELAND

Albany  
Birmingham  
Boston  
Chicago

Cincinnati  
Detroit  
Milwaukee

New York  
New Haven  
New Orleans

Paterson  
Philadelphia  
St. Louis  
St. Paul

# AQUA AMMONIA

## GRASSELLI GRADE

A Standard Held High for 86 Years

# Chemicals

ANILINE OIL, 990D drums....D	.16	.17
Hydro Bromide.....D	..	.75
Aniline Salt, 200D bbls.....D	.20	.22
Annatto, fine.....D	.41	.43
Anthracene 80-85% 600D cases		
wks.....D	.60	.65
Anthraquinone, subl 125D bbls D	.95	1.00
Antimony metal, slabs ton lots..D	.17%	.18
Needle Powd, 100D cases..D	.18	.18½
Bromate.....D	..	1.50
ANTIMONY CHLORIDE, anhyd 1000D		
dra.....D	..	.35
50D crocks.....D	.45	.48
Sol'n, 130D carboys 33°..D	..	.08
Oxide, 500D bbls.....D	.17½	.18
Salt, dom 500D bbls.....D	.26	.27
Imp. NY.....D	..	..
Sulfuret golden 500D bbls..D	..	.16
330D kegs.....D	..	.17
Crimson, 500D bbls..D	.26	.27
336D kegs.....D	.27	.28
Vermilion, 500D bbls..D	.48	.53
336D kegs.....D	.50	.52
Tartrolactate, 500D bbls....D	..	.45
Tribromide.....D	..	1.05
Antipyrine, USP, 100D cases..D	1.75	1.90
Second hands.....D	1.70	1.75
Apomorphine Hychloride, ¼ oz. vials	..	22.10
Archil, double 600D bbls.....D	.13	.14
Triple, 600D bbls.....D	.16	.17
Cone., 600D bbls.....D	.18	.20
Areoline Hydrobromide, 1 oz. vial..os	8.75	10.25
Argols, red powd., 350D bbls..D	..	.06½
Arsenic, metal 220D kegs.....D	..	.45
Red, 224D kegs cases.....D	.13	.13½
White 220D cases to 550D D	..	..
bbls, NN.....D	.03½	.04½
Asbestine, e/l.....ton	18.00	18.00
1g/l.....ton	20.00	22.00
Aspirin, see Acid acetylsalicylic		
Atropine Alk, USP 1 os vial.....os	6.50	7.50
Sulfate, 5 os cans.....os	..	3.50
Single ounce.....os	..	8.65
Second hands.....os	..	3.00

BARIUM BINOXIDE, see Barium Oxide		
Bromide.....D	..	.44
Bromate.....D	..	.70
Carbonate, precip., 300D bbls.		
wks.....ton	52.00	54.00
Precip., 200D bgs., wks, ton	50.00	52.00
Imports bags, NY.....ton	47.00	50.00
Chloride, 800D bbls wks..ton	61.00	63.00
200D bgs, wks.....ton	60.00	62.00
Imports, large crystals, bbls.,		
spot.....ton	58.00	60.00
Dioxide, 88% 690D drs....D	.13	.13½
Import, 86-88% 400D drs.D	.13	.13½
Hydrate, 500D bbls.....D	.04½	.05
Iodide, 5D box.....D	..	5.15
Nitrate, 700D cases.....D	..	.10
Imports cases.....D	.07½	.08
Sulfocyanide, 600D bbls.....D	.30	.31
Barytes, floated 350D bbls. wks.ton	23.00	24.00
Imported.....ton	29.00	33.00
Crude, e.l.f.....ton	..	9.00
Bay Rum, Porto Rico, genuine		
Medicated salicyl. acid or tartar		
45 gal. bbls.....gal	.88	.90
Medicated guanine sulf. 45 gal.		
bbls.....gal	.88	.90
Domestic synthetic, 50 gal.		
Bbls.....gal	.75	.77
St. Thomas		
Medicated salicyl. acid or tartar		
emetie, 50 gal. bbls..gal	.90	.95
Benzaldehyde, tech. 945D drs.		
wks.....D	.70	.75
USP, 40D chys.....D	1.15	1.30
FFC, 40D chys.....D	1.40	1.50
BENZENE, 90% 8000 gal. tanks		
wks.....gal	.24	.26
110 gal. drs wks.....gal	.29	.31
Pure Tanks wks.....gal	.25	.28
110 gal drs wks.....gal	.30	.33
Benzidine Base, dry 250D bbls.D	.75	.78
Benzidine Sulfate, paste 350D		
bbls.....D	.70	.72

Benzol, see Benzene		
Benzonaphthol, 5D boxes.....D	3.50	3.60
Benzoyl Chloride, 500D drs.....D	..	1.00
Benzyl Acetate 100D chys.....D	1.55	1.75
Alcohol, 5D bot.....D	1.45	1.55
Benzonate, 5D bot.....D	1.60	1.75
Medicinal FFC.....D	1.75	2.00
Chloride, 95% tech. 925D drs.D	..	.35
100D chys.....D	.25	.30
Bactistil, 160D chys.....D	.30	.35
Formate, 1D bot.....D	3.25	3.50
Berberine Hychloride, 1D bot....D	..	22.50
Sulfate, acid or neut. 1D bot.D	..	22.00
BETA-NAPHTHOL, 350D bbls.wksD	.24	.35
Carlots, wks.....D	..	.28
Sublimed.....D	.55	.60
Beta-Naphthylamine, tech. 200D		
bbls.....D	.63	.67
Sublimed, 200D bbls.....D	..	1.35
Bichloride Mercury, see Mercury Bichloride		
BISMUTH metal, 100D cases..D	..	2.95
Second Hands.....D	2.90	2.95
Ammon. Citrate, USP, 5D cansD	..	5.30
Betanaphthol, 5D bxs.....D	..	3.30
Citrate, USP, 5D cans.....D	..	5.75
Nitrate, 25D jars.....D	..	2.00
Oxychloride, 25D bxs.....D	..	3.50
Phenolsulfonate, 5D cans..D	..	3.05
Salicylate, 25D bxs.....D	..	1.95
Subcarbonate USP, 25D bxs D	..	3.45
X-Ray diag 1D bot.....D	..	3.30
Subgallate, USP, 25D bxs..D	..	3.80
Subiodide, 5D lots.....D	..	4.55
Subnitrate, USP, 25D jars....D	..	2.75
Second Hands.....D	2.50	2.75
Cones, 1D bot.....D	..	3.75
Subsalicylate, USP, 25 bxs..D	..	3.05

## Mallinckrodt QUININE

Sulphate and Minor Salts

Excel in Purity, Uniformity  
and Brilliant Crystallization

Correspondence Solicited

MALLINCKRODT CHEMICAL WORKS

ST. LOUIS  
MONTREAL

NEW YORK  
PHILADELPHIA

## Aero Brand Yellow Prussiate of Soda



A new  
method of  
production en-  
sures the highest  
purity, in small  
crystals as well as  
large.

Raw materials, all of our  
own manufacture, and large  
production capacity, guarantee  
a dependable source of supply,  
at favorable prices.

Yellow  
Prussiate  
of Potash

AMERICAN CYANAMID Co.  
511 Fifth Avenue New York  
EXCLUSIVE SALES AGENTS:

For consumption in United  
States:  
Victor Blagden & Co., Ltd.,  
London  
Henry W. Peabody & Co.,  
17 State St., New York

For shipment to other coun-  
tries:  
Victor Blagden & Co., Ltd.,  
Cranston House, 4  
Lloyd's Ave., London.  
Cable Address:  
Blagdenite, London

## Chemicals

## SODIUM (Continued)

above on basis 25 lb. lots.		
Smaller lots at an advance.		
Tri-Bromophenol.....lb	4.00	
Blanc Fixe, dry 400 lb bbls. wks. ton	80.00	95.00
Imported, bbls. ....ton	70.00	72
Paste, 650 lb bbls. ....ton	55.00	65.00
BLEACHING POWDER, 700 lb drs.		
c/l wks. ....100 lb	2.00	
Drums, 1c/l ex-warehouse....100 lb	2.25	2.60
Contract, c/l wks. ....100 lb	1.90	2.15
Drums, 1c/l wks. ....100 lb	2.15	2.40
Imported spot ....100 lb	1.90	2.05
Blood, dried, f.o.b. NY .....unit	3.90	4.10
Chicago .....unit		4.50
8, Am. shipment.....unit	4.15	4.10
Blue Ointment, see Mercury		
Blues, bronze Chinese, Milori,		
Prussian, Soluble.....lb	.33	.35
Blue Vitriol, see Copper Sulfate		
Bone, 3 & 50 gr. steam, Cigo unit		32.50
Raw NY .....ton		35.00
Bone Ash, 100 lb bags .....lb	.06	.07
Black, 200 lb bbls. ....lb		.06
Borax, crys. 400 lb drums .....lb	.054	.054
Powdered, 200 lb bbls. ....lb	.05	.054
Keps, 100-150 lb .....lb	.054	.06
Borodaux Mixture, 10% pd. bbls. lb	.114	.18
Paste, bbls. ....lb	.08	.10
Bornel, see Aromatic Chemicals		
crimstone, see Sulfur		
(Freight allowed)		
British Gum, com c/l .....100 lb	4.67	4.73
1c/l .....100 lb	4.77	4.82
Potatoes, 1c/l .....lb		.09
Bromide, see potash bromide, etc.		
Bromine, bot. in 50 lb cs. wks. lb	.45	.47
Bromobenzene, 600 lb drums .....lb		.50
Bromofarm, USP, 5 lb bot cs. lb	1.65	1.85
Bruclia Alkaloid, 100 ozs .....ozs		.10
Sulfate, 100 ozs .....ozs		.10
Butter of Antimony, see Antimony Chloride		
Butyl Acetate, tank car, wks. gal		2.35
Drums c/l wks. ....gal		2.37
Butylaldehyde, 50 gal drs .....lb	.70	.75

CADMIUM, metal 100 lb bbs. ....lb	.70	.75
Bromide, 50 lb cases jars wks. lb	1.15	1.20
Iodide, 10 lb bot. ....lb		4.45
Sulfide, cs. ....lb	1.20	1.25
CAFFEINE ALK, USP 5 lb cans. ....lb	2.75	2.85
Second Hands .....lb	2.50	2.60
Hydrochloride, 1 lb bot. ....lb	6.05	6.55
Sulfate, 1 lb bot. ....lb	6.40	6.90
Citrated, 25 lb cans. ....lb	2.70	2.80
Hydrobromide, 1 lb bot. ....lb	4.35	4.90
CALCIUM, Acetate, 150 lb bgs c/l		
100 lb .....lb	2.75	
Arsenate, 100 lb bbls c/l wks. lb	.07	.08
Bromate .....lb	1.50	
Bromide, 100 lb cs. ....lb		.60
Carbide, 220 lb dr, c-l wks. ....lb		.044
Carbonate tech. 100 lb bags		
c/l .....100 lb	1.00	1.10
USP, precip. 175 lb bbls. ....lb		.064
Chloride, solid, 650 lb drs. c/l		
f.o.b. wks. ....ton	21.00	23.00
Imp. ....ton	19.00	20.00
Flake, 375 lb drs, c/l drs. f.o.b.		
wks. ....ton		27.00
Anhyd. 350 lb drs f.o.b. NY lb	.18	.20
Glycerophosphate, 250 lb bbls. ....lb		1.40
Hydrate, see Lime		
Hypophosphite, USP, 25 lb cans. lb	.60	.65
Iodide, 5 lb bot. ....lb		4.35
Lacate, tech, 500 lb bbls. ....lb		.35
USP. ....lb	.50	.60
Nitrate, 220 lb bbls. c/l NY ton		50.00
Phosphate tech. 450 lb bbls. lb	.09	.10
Phosphate, precip. tribasic, 200 lb		
bbls, wks. ....lb	.11	.14
Phosphate, mono, 325 lb bbls. lb	.07	.08
Sulfocarbonate, 100 lb. kps. ....lb	.55	.57
CAMPOR, Amer. ref. 350 lb		
bbls. ....lb		.84
24 lb slabs, 100 lb cs. ....lb		.854
1 lb cake, 100 lb cs. ....lb		.854
1 cs. tab, 1 lb slabs, ....lb		
100 lb cs. ....lb		.90

## CAMPOR (Cont.)

Jap. ref., 2 1/2 lb slabs, 100 lb		
cs. ....lb	.73	.74
1 cs. tab, 100 lb .....lb		.89
cs. ....lb		
1/2 cs. tab, 100 lb cs. ....lb		.91
China ref. 2 1/2 lb slabs 100 lb		
cs. ....lb		
Crode, 100 lb cs. ....lb	.54	.56
Campor, Liniment, bbls. ....gal	2.30	2.40
Campor, L. cobrom, 100 lb cs. ....lb	1.85	1.90
Caramel, 50 gal. bbls. ....gal	.85	.90
Carbazol, 250 lb bbls. ....lb		.50
Carbon Bisulfide, 500 lb drs. lcl/NY lb	.06	.064
c/l drums, NY. ....lb		.054
Carbon Black, c/l wks. bgs. ....lb	.07	.08
100-300 lb cases 1c/l NY. ....lb	.11	.12
Decolorizing 40 lb bgs c/l ....lb	.08	.15
90 lb drums. c/l .....lb	.084	.154
Carbon Dioxide, Liquid, 20-25 lb. lb		.06
Tetrachloride, 1400 lb drs NY lb	.07	.074
Drums, c/l NY .....lb		.064
700 lb drs, single NY ....lb	.074	.08
Carmin, No. 40, 5 lb boxes .....lb	5.00	5.25
Caseln, edib, 100 lb keg .....lb	.45	.65
Tech. 200 lb bbls. ....lb	.124	.13
100 mesh .....lb	.164	.17
Castoreum, see Aromatic Chemicals, Perfumers, Sun-		
dries		
Castor Oil, USP, 50 gal. bbls. ....lb	.17	.174
Cases, 80 lb 2 tins. ....lb	.18	.184
Tech. see Fixed Oils		
Caustic Potash, see potash, caustic		
Soda, see soda, caustic		
Cellulose Acetate, 100 lb cases. ....lb	2.00	2.50
Cerium Oxalate, USP 100 lb. kgs. lb	.35	.36
Chalk, drop 175 lb bbls. ....lb		.034
Precip. light 250 lb cans. ....lb	.044	.044
Precip. heavy 560 lb cans. ....lb	.024	.034
Bulk .....ton	5.00	
Precip. English, 7 lb bags .....lb		.094
Precip. heavy 560 lb cans. ....lb	.034	.034

## Acids and Heavy Chemicals

Acids: Sulphuric—Chamber,  
Oil of Vitriol 66°—Oleum,  
Battery Acid. Muriatic,  
Acetic—Nitric—Mixed.

Lactic: Technical and Edible

Sulphate of Alumina: Com-  
mercial and Iron Free.

Ammonia and Potash Alums,  
U. S. P.

Barium Chloride  
Salt Cake—Strontium Nitrate  
Anhydrous Sodium Sulphate

E. I. du Pont de Nemours & Co., Inc.  
3500 Gray's Ferry Road, Philadelphia, Pa.  
256 Vanderpool St., Newark, N. J.

PRICES CURRENT SECTION

CARBON  
BLACK

Personal contact and  
prompt delivery are at our  
customers' service at every  
one of our distributing  
points.

GODFREY L. CABOT, INC.  
940 Old South Building, Boston

Akron  
Chicago  
Cleveland

Represented in  
New York City  
Pittsburgh  
Philadelphia  
Cincinnati

St. Louis  
San Francisco  
Reading

France  
Scandinavia  
South America  
Australia  
New Zealand

England  
Belgium  
Denmark  
Holland  
Italy



## Chemicals

<b>CHARCOAL (Cont.)</b>			Cinchonidin Sulfate, 1000s tins.oz. ....			Chelidine alk. USP, 1 oz. vial. oz. ....		
Wood, powd., 100 lb bbls. ....	.04	.05	Resale, 1000s lots. ....	.34	.35	Salicylate, 1 oz. vial. ....	15.07	
Willow, powd., 100 lb wks bbls. ....	.06	.08%	Cinchonine alk. powd. 100 oz. tins. ....			Colloidal USP 30 lb drums. ....	.33	
Chestnut, clarified, 25% tks, wks. ....	.015%	.02	Sulfate 100 oz. tins. ....		.43	<b>COPPER metal electrolyte c/l</b>		
Bols, wks. ....	.02%	.02%			.25	NY. ....	14.75	14.87%
Powd., 60% 100 lb bags, wks. ....	.08%	.08%	Citric Acid, see Acid Citric			Lake c/l NY. ....	14.87%	15.00
Decolorized, bags, wks. ....	.06%	.07	Citric Ointment, see Mercury			Castings, c/l NY. ....	14.00	
China Clay, Dem. ....	6.00	9.00	Coal Tar, See Tars			Carbonate, 400 lb bbls. ....	.16%	.17%
Washed & Ground, wks. ....	11.00	15.00	Cobalt metal, 100 lb kegs. ....	2.50	3.00	Chloride, 250 lb bbls. ....	.38	
Imp., Filler Clay. ....	16.00	23.00	Cobalt Oxide, 500 lb bbls. ....		2.10	Cyanide, 100 lb drums. ....	.48	.50
Coating. ....	20.00	25.00	10 lb tins, 200 lb cases. ....		2.20	Iodide, 5 lb bot. ....	.60	.65
Chloral Hydrate, USP 100 lb drums. ....	.60	.65	<b>COCAINE alk., USP, 1 oz. vial. oz. ....</b>			Oxide, red 100 lb bbls, ton lots. ....	.16%	.17
25 lb jars. ....	.68	.70	Hydrochloride, USP—1 oz. vials, ....		10.87	Sub-Acetate, verd. 440 lb bbls. ....	.20%	.21
Cinchonin, 140 lb drums. ....		.40	25 oz. ....		8.07	<b>SULFATE crys., 450 lb bbls. lc/l</b>		
Chloramine-T, 200 lb bbls. ....	1.35	1.50	In 1/2 oz. vials. ....		8.50	spot. ....	4.70	4.80
Chlorosane, 5 lb bot. ....	.55	.65	In crystals, granular, powder, ....			Carlota bbls delivered 100 lb. ....	4.45	4.50
Chlorhydrin, Ethylene anhyd. 600 lb drums. ....	.75	.85	or flaky crystals as desired.			Carlota bbls F O B NY 100 lb. ....	4.45	4.50
40% soln. 100 lb clys. ....	.35	.30	<b>Cocoa Butter, bulk, 200 lb bales</b>			Imp. 550 lb cys spot. ....		
<b>CHLORINE, Liquid 2000 lb cyl.</b>						Powdered, 350 lb 5 bbls 100 lb. ....		5.60
c/l wks. ....		.04%	c/l. ....		.31	Copperas, bulk, c/l wks. ....		13.00
Tank car lots, wks. Contract. ....		.04	Fingers, cakes, etc 12 lb bxs. ....		.37	200 lb bgs., c/l wks. ....		16.00
100 lb cyl. c/l. ....	.05%	.05%	<b>CODEINE, alk., oz. vials. 10 oz. ....</b>			400 lb bbls, c/l wks. ....		17.00
100 lb cyl. lc/l. wks. ....	.07	.08	lots. ....		9.87	Powdered, bbls. ....	1.90	2.00
100 lb cyl. lc/l. ex-warehouse. ....	.08	.00	Hydrobromide, 1 oz. vials, 10 oz. ....		7.92	Sugar, 400 lb bbls. ....	1.35	1.35
Chlorobenzene, mono. 100 lb drums. ....		.10	lots. ....		7.42	<b>Corn Syrup, 42 deg. 50 gal.</b>		
wks. ....	.08	.10	Hydrochloride, 1 oz. vials, 10 oz. ....		7.42	bbls. ....		3.96
Drum c/l wks. ....		.07%	lots. ....		7.42	43 deg. 50 gal bbls. ....		4.01
Tank car lots wks. ....		.07%	Nitrate, 1 oz. vials. 10 oz. lots. ....		8.87	44 deg. 50 gal bbls. ....		4.08
<b>CHLORFORM, USP, 50 lb drums. ....</b>			Phosphate, 1 oz. vials, 10 oz. ....		7.42	45 deg. 50 gal bbls. ....		4.15
Second Hands, 650 lb drums. ....	.25	.27	lots. ....		7.42	<b>Corn Sugar, see Glucose</b>		
Technical, 650 lb drums. ....		.28	Salicylate, 1 oz. vials, 10 oz. ....		7.42	Cotton Soluble, 100 lb bbls wet lb. ....	.40	.42
Chlorophyll, Oil Sol. ....	2.50	2.75	lots. ....		7.42	Cottonseed, Meal, 7% ....	33.00	35.00
Water Sol. ....	3.75	4.00	Sulfate, 1 oz. vials. 10 oz. lots. ....		7.92	Coumarin, 25 lb tins 100 lb. ....	3.10	3.25
Chromum Acetate, 20° soln. 400 lb bbls. ....		.05%	Small sizes, 1/4 oz. vials, 50c extra, ....			Second Hands. ....	3.10	3.25
Fluoride, Powd., 400 lb bbls. ....	.24	.26	1/4 oz. 30c extra, singles 7c extra, ....			<b>CREAM TARTAR, USP, 300 lb</b>		
Carbons, Greens, C. ....	.36%	.38	per oz.—25 oz lots, 10c on cheaper than above. Less than 10 oz. 15c on. higher than above			bbls. ....	.22	.22%
Carbon, yellow. ....	.06%	.11	<b>CODLIVER OIL, Norwegian, 20 gal</b>			Imp. powd, USP, 224 bbls. ....	.21%	.22
Chrysarobol Powd., 400 lb bbls. ....	4.50	4.75	bbls. ....	36.50	38.00	Cresote, USP, 42 lb clys. ....	.40	.42
Cinchonidin alk., powd 100 oz. tins. ....		.60				Carbonate, 100 lbs., 50 lbs. ....	1.70	1.80
Crystal. ....	.65	.68				Cresote Oil, 50 gal. drums. ....	.26	.30

## ETHYLENE DICHLORIDE

Non-Corrosive Chlorinated Solvent

*An ideal solvent for*FATS, OILS, WAXES, GUMS,  
RESINS AND ESTERS

Applicable in

Commercial Extractions, Degreasing,  
Varnishes, Pharmaceuticals, Rubber

A PURE CHEMICAL COMPOUND

Will not Corrode Metal

Diminishes Fire Hazard

Is Stable to Alkali, Acid or Chemical Reagents

## CARBIDE AND CARBON CHEMICALS CORPORATION

CARBIDE AND CARBON BUILDING, 30 EAST FORTY-SECOND STREET, NEW YORK

Telephone Vanderbilt 8700

Cocoa, Bangoon, 100 lb bales... D	...	22	Divi Divi Extract..... D	..04	nom	Eucalyptol, 25 lb cans..... D	....	90		
Borneo, solid, 100 lb bales..... D	..03%	.04	Divi Divi, pods bags..... ton	53.00	54.00	Feldspar, bulk..... ton	20.00	25.00		
Liquid, 500 lb bbls..... D	..08%	.11	Power's powder, USF 6 lb tin..... D	..	..	FERRIC CHLORIDE..... each	...	...		
Tablets, 150 lb boxes..... D	..13	.14	Dubudine Sulfate, 1 oz. vial.....	...	30.07	475 lb bbls..... D	..	.05	.06	
Cyanamide, bulk, c/1 wks, Amm., unit	1.87%	2.00	EARTH, Diatomaceous, see Kieselsuhr			Imported..... D	..	.04	.05	
Imp Amm..... unit	2.00	2.30	Egk Yolk, 150 lb cs..... D	..48	.50	C.P. cya. 100 lb kegs..... D	..	.10	.10	
Cyclohexanol, see Hexanol			Kmeting alk., 15 gr. vis..... cs	...	1.30	Imported..... D	..	.08	.08	
Cymene, See Para-Cymene			Hydraline, USP, 1 oz vial.....	17.00	17.57	Neut. Sol'n 42° 140 lb chys..... D	..	.08	.07	
Dextrin, white corn 140 lb bgs.....			15 gr. vial..... cs	...	.82	66° 140 chys..... D	..	.08	.07	
e/l..... 100 lb..... D	....	4.53	EPSON SALT, tech. 300 lb bbls.....	...	...	USP Sol'n 125 lb chys..... D	..	.06	.07	
bags 1/c1..... 100 lb..... D	....	4.62	NY..... 100 lb..... D	...	2.15	Ferrie Bromide, sol'n..... D	..	.55	.55	
Canary..... 100 lb..... D	....	4.57	Bbls. c/l NY..... 100 lb..... D	...	1.50	Ferrous Bromide, sol'n..... D	..	.55	.55	
bags 1/c1..... 100 lb..... D	....	4.62	100 lb c/l NY..... 100 lb..... D	1.50	1.75	Chloride, crys, tech 475 lb boxes.....	2.50	3.00		
Potato, 220 lb bags 1/c1..... D	....	.07%	Imp. 220 lb bgs. c/l..... 100 lb..... D	1.20	1.25	Ferrous Sulfate, 1000 lb bbls 100 lb..... D	2.50	3.00		
Yellow, 220 lb bags..... D	....	.07%	NY..... 100 lb..... D	1.20	1.25	Flash Scrap, dried wks..... unit	4.70	4.10		
Tapioca, 300 lb bags, 1/l..... D	..08	.08%	USF, 300 lb bbls. 10 bbls. 100 lb..... D	2.00	2.25	Fluorapatite, 95% 220 lb bags, ex-.....	...	...	25.00	
DIAMINOPHENOL, 100 lb kegs..... D	...	3.80	Carlots, bbls..... 100 lb..... D	2.00	2.25	dox..... ton	...	33.50		
Olanidine, 100 lb kegs..... D	8.50	3.80	Imported, 400 lb bbls. 100 lb..... D	1.85	1.90	96% bgs..... ton	...	35.00		
Dibutyl Phthalate, wks..... D	.43	.53	100 lb kegs..... 100 lb..... D	2.00	2.25	98% bgs..... ton	...	35.00		
Dibutyl Tartrate, 50 gal drums..... D	.55	.65	Kerotin, Nonjean, 1 lb jars..... D	8.00	8.4	FORMALDEHYDE, USP 400 lb bbls.....	...	...	10.00	
Dichlorobenzene, 1000 lb drs..... D	.06	.07	Kerline alk., 1 oz vial..... oz	24.00	24.50	c/l wks..... D	..08%	.09		
Dichloromethane, Drums wks..... D	...	.50	Sulleyate, USP, 1 oz vial..... oz	17.00	17.50	Carboys, 100 lb l/wks..... D	..	.10%		
Diethylamine, 400 lb drs..... D	...	2.25	Sulfate, USP, VIII, 1 oz vial..... oz	...	.16	Bbls, 400 lb l/wks..... D	..09	.09%		
Diethylamine, 850 lb drs..... D	...	.59	ETHER, USP, 55 lb drums..... D	...	.19	Formaldehyde Aniline 100 lb drms D	..	.42%		
Diethyl Carbonate, drums..... gal	2.00	2.25	Anesthese, 55 lb drums..... D	...	.45	Fossil Flour..... D	..02%	.04		
Diethyl Phthalate, 25 lb cans..... D	..40	.45	USP, 1880 55 lb drums..... D	...	.37	Formoline..... D	..38	.40		
1000 drs..... D	..35	.40	Washed, 55 lb drums..... D	...	.32	Fuller's Earth, 200 lb bgs. c/l.....	15.00	17.00		
Diethyl Sulfate tech. 50 gal. drs..... D	..30	.35	Motor 1 lb bottles..... D	..30	.32	Imported, 250 lb bags, NY..... ton	3.00	40.00		
CP drums..... D	..40	.50	Ether, Nitroam, 1 lb bot..... D	..90	.95	Forinal, 300 lb bbls..... D	..23	.25		
Digitalin, Pure, 1 oz. vial..... oz	9.75	10.25	Ethyl Acetate, 99% 50 gal. drs gal	1.15	1.18	Fusel Oil, 10% Impurities drs gal	2.20	2.60		
high test..... oz	15.00	15.50	85% Ester, 100 gal. drs..... gal	...	.90	Radined..... D	3.25	3.50		
Oimethylamine, 840 lb drs wks..... D	..32	.34	Carlots, drums..... gal	...	.87	Fustic, solid 50 lb boxes..... D	..20	.23		
Dimethylamine, 400 lb drs..... D	...	2.80	Tacks Cars..... D	...	.85	Crystals, 100 lb boxes..... D	..20	.22		
Dimethylsulfate, 100 lb drs..... D	...	.50	Refined, drums..... gal	1.72	1.85	Liquid, 51°, 600 lb bbls..... D	..09	.10		
Dinitrobenzene, 400 lb bbls..... D	..14%	.15%	Ethyl Benzyl Aniline, 300 lb drs..... D	1.05	1.10	Fustic, alphas..... ton	30.00	32.00		
Dinitrochlorobenzene, 400 lb bbls..... D	..15	.16	Bromide, 115 lb drs..... D	...	.50	Chips..... D	..04	.05		
Dinitrochlorobenzene, 300 lb bbls..... D	..18	.19	Chloride, 200 lb drs, 15 lb cyl..... D	..28	.35	G. SALT, paste 350 lb bbls. basts.....	10%	...	52	
Dinitroorthophenylamine, 350 lb bbls..... D										



**dovani**

# DIPHENYL-GUANIDINE

You can depend on the manufacturers of Reclaims to give you an unbiased opinion as to the best accelerator. Ask them what they think of Dovan Diphenyl Guanidine—the most efficient and economical accelerator for reclaimed stocks.

**Dovan Chemical Corp.**  
30 Church St. - New York

REPRESENTED BY

J. A. Kendall, Akron, Ohio; J. E. Odell, Boston, Mass.; American Oil & Supply Co., Trenton, N. J.; T. E. O'Reilly, Ltd., Toronto and Montreal; Martin, Hoyt & Milne, San Francisco and Los Angeles; Buckleton & Co., Ltd., 13 Rumford St., Liverpool, England.



*oline*  
U.S.P.

PUREST AND BEST

For face creams  
B & W Lanoline  
is unsurpassed.

*Samples and quotations on request*

THE B & W CO.  
Pioneer American Manufacturers  
Elizabeth, N. J.

ESTABLISHED 1914

INCORPORATED 1918

# Chemicals

Gambler, 25% Hg, 450 lb bbls. . . . .	.14	.15	HEMATINE, Paste, 500 lb bbls. . . . .	.09	.12	Iodine Tinct. USP, 50 gal bbl. . . . .	4.65	4.70
Common, 200 lb cases . . . . .	.19 1/2	.20	Crystals, 400 lb bbls. . . . .	.12	.20	Carboys . . . . .	4.70	4.75
Singapore cubes, 150 lb bags. . . . .	.23	.23	Hemlock, 25% 600 lb bbls. wks. . . . .	.03 1/2	.03 1/2	Second Hands . . . . .	4.45	4.65
Gelatin, USP silver 1 lb 100 lb cts. . . . .	.60	.65	Hemlock, bark . . . . .	20.00	20.00	Iodoform, powd., 10 lb bot. . . . .	6.00	6.00
Gold Label, 100 cases . . . . .	1.00	1.00	Hexachlorethane Drums wks . . . . .	.45	.45	Crystals, 10 lb bot. . . . .	6.05	6.05
Technical, 100 lb cs. . . . .	.45	.50	Hexalene, 50 gal drs., wks. . . . .	4.75	4.75	Iridium, metal 10 oz. lots. . . . .	260.00	260.00
Pure Food, 50 lb bbls. . . . .	.55	.60	Hexamethylenetetramine, USP			Iron, metal by hydrogen 1 lb bot. . . . .	.75	.75
Sheets . . . . .	.53	.55	100 lb drums . . . . .	.60	.62	IRON & AMM. CITRATE, USP 50 lb		
GLAUBER'S SALT, tech. 200 lb bags			Imported . . . . .	.63	.63	case . . . . .	.69	.69
c/l wks. . . . .	1.10	1.30	Rubber Makers, Impalp. Pd.			Green scales, 500 lbs. . . . .	.69	.69
1 lb wks. . . . .	1.35	1.45	dr. . . . .	.82 1/2	.85	Bromide . . . . .	1.10	1.22
350 lb bbls., c/l wks. . . . .	1.25	1.35	Homotropine Hydrobrom. USP 1 ca			Cacodylate, 100 lb bot. . . . .	7.50	7.60
Bbls. 1 lb wks. . . . .	1.50	1.60	vials . . . . .	14.50	14.50	Citrate, USP VIII 25 lb cans. . . . .	.94	1.01
Imported, bags, NY . . . . .	.85	.90	Five ozs., 1 oz vials. . . . .	13.50	13.50	Chloride, see Ferric or Ferrous		
USP, 300 lb bbls. Imp. sp. 100 lb	.85	1.25	Hydrastine Alk., USP, 1 oz vial. . . . .	17.07	17.07	Hypophosphite, 5 lb cans. . . . .	1.55	1.60
USP, 300 lb bbls. dom. sp. 100 lb	1.75	1.75	Hydchloride, USP, 1 oz vial. . . . .	17.07	17.07	Syrup USP 5 lb, bot. . . . .	.35	.36
USP, 300 lb bbls. c/l wks. 100 lb	1.40	1.40	Sulfate, 1 oz vial. . . . .	20.07	20.07	Iodide, 1 lb bot. . . . .	4.23	4.23
Calcined, see Sodium Sulfate			Hydrastine Hydchloride, USP 15 gr.			Syrup, USP, 5 lb bot. . . . .	.35	.36
Glucose, (Grape Sugar) dry, 100			vials . . . . .	14.57	14.57	Nitrate, kegs . . . . .	.09	.10
70° bags, c/l NY . . . . .	3.79	4.14	Hydrazobenzene 100 lb kegs. . . . .			Com'l, bbls. . . . .	2.50	3.25
Tanners' Special, 100 lb bags 100 lb	3.79	3.79	HYDROGEN PEROXIDE, 25 vol. 400 lb			Oxalate scales, 25 lb cans. . . . .	.97	1.00
GLUE, pure white, bbls. . . . .	.22	.26	bbls. . . . .	.07	.07 1/2	Oxide, red, Spanish . . . . .	.02 1/2	.03 1/2
Medium white, bbls. . . . .	.20	.24	100 vol. 140 lb clys. . . . .	.34	.37	English . . . . .	.10	.12
French, bbls. . . . .	.18	.25	USP Soln. 375 lb bbls. . . . .	.04	.05	Ferchloride, see Ferric Chloride		
High Grade, bbls. . . . .	.35	.40	100 vol 145 clys. . . . .	.46	.46	& Ammon, Oxalate, 25 lb bxs. . . . .	.37	.40
Bone, regular, bbls. . . . .	.10	.12	USP bot. 4 oz. cases . . . . .	7.75	8.00	& Potassium Oxalate, 25 lb bxs. . . . .	.41	.44
Fish, bbls. . . . .	1.50	1.78	Bot. 8 oz. cases . . . . .	11.10	12.00	& Sodium Oxalate, 24 lb bxs. . . . .	.32	.35
Hide bbls. . . . .	.14	.24	Bot. 16 oz. cases . . . . .	18.25	19.00	Phosphate, USP, 60 lb . . . . .	.69	.69
GLYCERIN, C. F., 550 lb drms. . . . .	.19	.19 1/2	Hydroquinone, 100 lb kegs . . . . .	1.40	1.50	Pyrophosphate, USP, 50 lb . . . . .	.74	.74
Cans, 50 lb . . . . .	.30	.32	Hyoscine Hydrobrom, USP 1 oz.			JALAP RESIN, lump, 5 lb tins. . . . .	4.00	4.00
Dynamite, 100 lb dr. . . . .	.18 1/2	.10	vial . . . . .	13.57	13.57	Powd, tins . . . . .	4.65	4.65
Saponification tanks . . . . .	.13 1/2	.14	Five oz., 1 oz vial. . . . .	13.07	13.57	KIESELGUHR, 95 lb bags NY. . . . .	60.00	70.00
Soap, Lye tanks . . . . .	.12 1/2	.12 1/2	Hyocyanine Alk Cryst, 1 oz vial. . . . .	25.07	25.07	LANOLIN, see Adeps Lanæ		
Gua Powder, see chrysarobin			Alkaloid, Amorphous, 1 oz. vial. . . . .	75.07	75.07	Larch, 25%, 600 lb bbls., wks. . . . .	.03 1/2	.04
Graphite, crude, 220 lb bags. . . . .	15.00	35.00	Hydrobromide, USP, 1 oz. vial. . . . .	35.07	35.07	Powd., 100 lb bags, wks. . . . .	.07	.08
Flake, 500 lb bbls. . . . .	.05	.09	Sulfate, 1 oz vial. . . . .	25.07	25.07	LEAD, metal c/l NY . . . . .	.08 1/2	.09
Ground, lump, bbls. . . . .	.04	.05	Hyperic, 51°, 600 lb bbls. . . . .	.12	.15	Acetate, white crystals, 500 lb		
Guaiacol Liquid, USP, 25 lb cans. . . . .	2.30	2.25	Hyperic, chips . . . . .	.06 1/2	.07	bbls., wks. . . . .	.14 1/2	.15
Benzonate, 1 lb bot. . . . .	13.00	13.00	IODINE, crude, 200 lb kegs . . . . .	4.21	4.23	100 to 250 lb kegs, wks. . . . .	.15 1/2	.15 1/2
Carbonate, 5 lb boxes . . . . .	2.50	2.75	Iodides, see Potass. Iodide, etc.			White, broken, bbls., wks. 100 lb	14.25	14.75
Second Hands . . . . .	2.15	2.35	IODINE, crude, 200 lb kegs. . . . .	4.30	4.30	White, gran bbls. wks. 100 lb	15.00	15.50
HAARLEM OIL, Dom. 6 gr. cs, gr	3.25	3.25	Resublimed, 10 lb jars . . . . .	4.65	4.70	White, powd. bbls wks 100 lb	15.25	15.25
Imported, 5 gr cases . . . . .	3.65	4.00				Brown, broken bbls wks . . . . .	.13 1/2	.14
Halazone, 5 lb bot. . . . .	2.75	3.25						

# B E E S W A X

Ceresin, All Grades and Colors  
Refined Yellow Beeswax

Pure Crude Beeswax  
Spermaceti-Bayberry

Snow Flake White Bleached Beeswax  
Carnauba, Natural, Bleached and Powdered  
Stearic Acid, Highly Refined and Crystallized

## E. A. BROMUND COMPANY

Refiners and Bleachers

Office  
258 BROADWAY, NEW YORK

Bleachery  
ELMS FORD, N. Y.

Chicago  
FRANK B. TRACY  
8 So. Dearborn Street

St. Louis  
C. L. IRONS  
826 Clark Avenue

San Francisco  
THE RAYMUND COMPANY  
149 California Street

Stocks carried at above branch offices.



# Chemicals

## LEAD ACETATE (Cont.)

USP, 100 lb bags .....	19	: .19%
Arsenate, 100 lb bags .....	13	: .14
Bbls. c/l wks. ....	12 1/2	: .13
Bbls. 1c/l wks. ....	13	: .13%
Paste, 100 & 600 lb bbls. ....	.08	: .09
Iodide, USP, VIII 5 lb bot. ....	3.30	: 3.40
Nitrate, 800 lb bbls. wks. ....	...	: .12
Oxide, litharge, 500 lb bbls. ....	...	: .11
100 lbs. wks. ....	...	: .13%
Oxide, red, 500 lb bbls. wks. ....	...	: .11%
100 lb bags, wks. ....	...	: .15%
Peroxide, 100 lb dra. ....	.25	: .30
White, basic carb. 500 lb bbls. ....	...	: .10%
wks. ....	...	: .15%
100 lb bags, wks. ....	...	: .09%
White, sulfate 500 lb bbls. wks. ....	...	: .09%
Licorice Ext. Mass cases ....	.21	: .23
Compound powder, bbls. ....	.11	: .13
Powdered ....	.35	: .36
Sticks, 1 on 100 lb cases ....	.30	: .35
<b>LIME, (Salts, see Calcium Salts)</b>		
Ground Stone, bags .....	4.50	: 4.50
Live, Bulk .....	8.50	: 8.50
Live, 335 lb bbls. ton lots ....	...	: 1.05
wks. 100 .....	...	: 1.08
Single bbl., wks. 100 lb ....	...	: .85
Hydrated, 167 lb bbl. ton lots, ....	...	: .85
wks. 100 .....	...	: .85
Single bbl. wks. ....	...	: .85
Oyster Shell, 150 lb bbl sing. ....	...	: .03 1/4
Sulfur, dry 200 lb dra. NY ....	...	: .08 1/2
Dra. c/l NY ....	...	: .08
33° Soln. 50 gal bbls NY gal ....	.15	: .16
Linalool, 5 lb bot. ....	6.25	: 6.75
Litharge see lead oxide	...	: 1.45
Lithium Carb. USP, 100 lb kgs. ....	1.45	: 1.50
Bromide, 100 lb ca. ....	1.80	: 1.90
Citrate, USP, 100 lb kgs. ....	1.70	: 1.75
Iodide 5 lb bot. ....	5.40	: 5.40
Lithopone, 400 lb bbls. 1c/l wks. ....	...	: .06 1/2
Bbls. c/l wks. ....	...	: .05%
Bags. c/l wks. ....	...	: .05%

## LITHOPONE (Continued)

Imported, 400 lb Bbls. ....	.05%	: .06
Litmas Cubes .....	.90	: 1.00
Logwood, 51°, 600 lb bbls. ....	.08 1/4	: .08 1/4
Lower grades .....	.07	: .08
Solid, 50 lb boxes .....	.12	: .15
LOGWOOD, sticks .....	23.00	: 27.00
Chips, 150 lb bags .....	.03	: .03 1/4
Luminal, see Phenylethylmalonurea	...	: .27
Madder, Dutch .....	...	: .35
MAGNESITE, crude .....	...	: 15.00
Calcined, 500 lb bbls. ....	...	: 48.00
Magnesium, mt. sticks 100 lb ca f.o.b. ....	...	: .85
wks. ....	...	: 1.50
Bromate .....	...	: .06%
Carb. tech. 70 lb bags NY. ....	...	: .08
75 lb bbls NY. ....	...	: .08 1/2
USP, 100 lb bbls. ....	...	: .10
USP, blocks 100 lb ca. 1, 2, 4 ....	...	: .17
Chloride, fused 575 lb dra. c/l ....	...	: 34.00
wks. ....	...	: 36.00
Flaked, 350 lb dra. wks c/l ton ....	...	: 28.00
Imp. fused 900 lb bbls NY ton ....	...	: 30.00
Fluomilicate, crystals 400 lb bbls. ....	...	: .13
wks. ....	...	: .15
30% soln. 500 lb bbls. wks. ....	...	: .07
Soln. bbls. c/l wks. ....	...	: .06
Glycerophosphate, 5 lb tins. ....	3.20	: 3.25
Hypophosphite, 5 lb cans. ....	...	: 1.05
Oxide, USP light, 100 lb bbls. ....	...	: .42
USP, heavy, 250 lb bbls. ....	...	: .50
Peroxide, 5 lb cans. ....	...	: 2.40
Perborate, 1 lb tins. ....	...	: 2.62
Salicylate, 100 lb kgs. ....	.75	: .80
Sulfate see Epsom Salts	...	: .24
Manganese Borate, 30%, ....	...	: .25
200 lb bbls. ....	...	: .06
100 lb kgs. ....	...	: .06 1/2
Chloride, 800 lb cans. ....	...	: 80.00
Dioxide, 80-84% 900 lb bbls. ....	...	: 85.00
NY. ....	...	: 85.00
85-90%, 900 lb bbls. NY. ton ....	...	: 90.00

## MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kgs. ....	.15	: .23
Glycerophosphate, 5 lb tins. ....	2.90	: 3.00
Hypophos USP VIII 5 lb vane. ....	1.35	: 1.40
Iodide, 1 lb bot. ....	6.40	: 6.65
Ore. bulk, NY. ....	.43	: .44
Sulfate, 800 lb cans, NY. ....	.07	: .07 1/4
Mangrove, 55% 400 lb bbls. ....	.04 1/2	: .05
Mangrove bark, African .....	...	: nom.
Shipment .....	...	: nom.
Marble Flour, bulk .....	10.00	: 12.00
See also Calcium Carbonate	...	: 11.25
MENTHOL, USP, 60 lb cases. ....	...	: 11.25
Less case, 5 lb tins. ....	...	: 8.00
Synthetic .....	...	: 83.00
MERCURY, metal 75 lb flasks, flask ....	...	: 1.20
Less Flasks, 5 lb jugs. ....	...	: 1.20
Bichloride, cryst. 25 lb bxs. ....	...	: 1.10
Gran. powd. 300 lb kgs. ....	...	: 1.08
Bisulfate, 25 lb boxes. ....	...	: .71
Blue Mass, 25 lb boxes. ....	...	: .73
Powdered, 25 lb boxes. ....	...	: .94
Blue Ointment, USP, 25 lb cans. ....	...	: .71
30% USP, dilute 25 lb cans 30%. ....	...	: .80
33 1/3% Mercury .....	...	: 1.37
Calomel, 50 lb bxs. ....	...	: .54
Citrine Ointment, 25 lb jars. ....	...	: 4.10
Iodide, green 25 lb jars. ....	...	: 4.20
Vad, USP, 25 lb jars. ....	...	: 4.10
Yellow, USP, VIII 25 lb jars. ....	...	: 2.04
Oxide, Yellow, USP, 25 lb bxs. ....	...	: 1.43
Tech. ....	...	: 1.43
Red Precip. USP, 25 lb bxs. ....	...	: 1.58
Powder, USP, 25 lb bxs. ....	...	: 1.59
White Precip. USP, 25 lb bxs. ....	...	: 1.64
Powdered, USP, 25 lb bxs. ....	...	: .71
With chalk, USP, 25 lb bxs. ....	...	: .73
Meta-Nitroaniline .....	...	: 1.90
Meta-Nitro-para-Toluidine, 500 lb ....	...	: 2.00

## R. W. GREEFF & CO. INCORPORATED

78 Front Street

New York, N. Y.

— EXCLUSIVE DISTRIBUTORS —

## CARBON BLACK "CROW BRAND"

Manufactured by

The Texas Carbon Industries, Inc.  
Breckenridge, Texas

## ACETONE OILS (Standard Grades)

## METHYL ETHYL KETONE

Manufactured by

The Norwich Chemical Manufacturing Co.  
East Smethport, Pa.

# DENATURED ALCOHOL

SPECIALLY COMPLETELY

Tanks Drums Barrels

SPOT FUTURE CONTRACTS

## Industrial Chemical Co.

Manufacturers

200 Fifth Avenue

New York

## Chemicals

<b>Meta-Phenylenediamine, 300 D</b>			<b>MORPHINE (Cont.)</b>			<b>Nitrobenzene, crude, 1000 D drs.</b>		
bbls .....	D	.85 : .90	acetate, 5 ea. tins 10 ea. lots on	...	7.35	whs .....	D	.09 : .09%
<b>Meta-Toluylenediamine, 300 D</b>			hydrobromide, 5 ea. tins 10 ea.	...	7.35	Redistilled, 1000 D drs. whs. D		.09% : .10%
bbls .....	D	.73 : .77	lots .....	...	7.35	Nitrogenous Material .....	unit	3.60 : 3.65
<b>METHANOL (Wood Alcohol)</b>			Hydrochloride, 5 ea. tins 10 ea.	...	7.35	Nitrosophthalene, 550 D bbls. D		.20 : .21
95% tanks .....	gal	.58	Ethyl Hydrochloride, 1/2 ea. vials 10	...	8.85	Nitrobenzene mixed 1000 D drs.		.14 : .15
Drums, e/1 .....	gal	.58	os .....	...	8.85	Nitrobenzene, see Crude Drugs		
Drums, 1e/1 .....	gal	.60	Small Sizes: 1/2 ea. vials, 50c extra;			Oak bark, whole .....	ton	20.00 : 25.00
97% tanks .....	gal	.57	1/2 25c extra; single ea. vial, 7c ex-			Ground .....	ton	45.00 : 50.00
Drums, e/1 .....	gal	.60	tra, over price for 5 ea. tins. 25 ea.			Oak, tanks, whs. ....	D	.08%
Drums, 1e/1 .....	gal	.63	lots in 5 ea. tins, 10c ea. lower than			28-25% liq. 600 D bbls whs D		.04% : .04%
Pure, Acetate free, tins .....	gal	.65	above schedule. Less than 10 ea. lots			Solid, powd .....	D	.07% : .08
Drums, e/1 .....	gal	.67	15c ea. higher than above schedule.			Ochre .....	D	.08% : .08%
Drums, 1e/1 .....	gal	.70	Musk Ambrette, 1 D cans. ....	10.50	11.75	Oil Fuel, see Fuel Oil		
Bbls. incl. 6c higher			Myrobalans, 25% Liquid bbls. D	.08%	.04%	<b>Oil MINERAL, wh. 50 gal bbls gal</b>		.80 : 1.05
Drums e/1 .....	gal	.60	50% solid, 50 D boxes .....	D	.08	Bumidin .....	gal	1.05 : 1.20
Drums 1e/1 .....	gal	.62	Imported .....	D	.08%	Oil Mirbane, see nitrobenzene		
Methyl Acetate, 100 gal drums gal		.83	Myrobalans, bags J1 .....	58.00	65.00	Optum, see crude drugs		
Tanks, cars .....	gal	.80	E2 .....	ton	55.00	Orange Mineral, 1100 D cans NY D		.13%
Chloride, 90 D cpl. ....	gal	.50	<b>NAPHTHA, See Solvent Naphtha</b>			700 D bbls, NY .....	D	.14
Salicylate, USP, 50 D cans ..	D	.45	<b>NAPHTHALENE, Flake, 175 D bbls.</b>			Ortho-Aminophenol, 50 D kegs. D		2.15 : 2.25
500 D drums .....	D	.43	whs .....	D	.05	Ortho-Anisidine, 100 D drs. ....	D	2.75 : 3.00
Methylene Blue, tech. 100 D kgs D		1.30 : 1.50	Bbls, e/1 whs .....	D	.04%	Ortho-Dichlorobenzene, see Dichlorobenzene		
USP, medicinal 5 D cans .....	D	2.10 : 2.15	Bbls, second hands NY. ....	D	.04%	Ortho-Nitrochlorobenzene, 1200 D		
Michler's Ketone, 225 D bbls. D		2.00 : 2.25	Balls, 250 D bbls whs .....	D	.06	dr. whs .....	D	.32 : .35
Milk, powd. 150 D bbls. ....	D	.14 : .18	Bbls, c/1 whs .....	D	.05%	Ortho-Nitrophenol, 350 D .....	D	.90 : .95
Milk Sugar, see sugar of milk			Bbls, second hands NY .....	D	.05%	Ortho-Nitrotoluene, 1000 D drs.		
Mineral Oil, see oil mineral			Crushed, chipped, bgs. whs. ....	D	.08	whs .....	D	.20 : nom.
Mineral Rubber .....	ton	35.00 : 75.00	Crude, imp. bags .....	D	.01%	Ortho-Toluidine, 350 D bbls. ....	D	.25 : .27
Monobromobenzene See Bromobenzene			<b>NICKEL</b>			Orange, 51° Liquid .....	D	.07 : .07%
Monooctene, 50 gal drums. ....	D	.48 : .50	Ingot, 100 D gels .....	...	.34	Powd., 100 D bags .....	D	.13% : .14
Monochlorobenzene, see chlorobenzene			Chloride, bbls, kegs .....	D	.22	Crystals .....	D	.16 : .17
Mining Salts Drums whs .....	D	.33	salt, single 400 D bbls, NY. ....	D	.09	Oxall, USP, 5 D bot. ....	D	1.75 : 2.50
Monethylaniline, 900 D drs. ....	D	.70 : .80	Double, 400 D bbls, NY. ....	D	.10	Purified, 5 D bot. ....	D	2.00 : 2.50
Monomethyl para-methoxyphenol sulfate,			Oxide, 100 D kegs, NY. ....	D	.38	Crude, 5 D bot. ....	D	1.00 : 1.25
100 D drs. ....	D	2.95 : 4.20	Sulfate, 450 D bbls. ....	D	.09	<b>PALLADIUM, metal 10 ea. lots. on</b>		80.00 : 81.00
<b>MORPHINE Sulfate, USP 5 ea. tins</b>			Nickel Metal, electrolytic. ....	100 D	31.00 : 32.00	Pancreatin, USP, 5 D bot. ....	D	2.25 : 2.50
10 ea. ....	os	7.35	Nicotine, Free 40%, 8 D tins. D		1.40	Papain, 10 D bot. USP, Powr. ....	D	2.75 : 3.25
			Sulfate, 10 D tins, 40% .....	D	1.10	Crude, 150 D cans .....	D	2.80 : 2.40
			<b>NITRATE SODA, spot, See Sodium Nitrate</b>			Paraffin, ref'd 200 D ea. slabs		
			Nitre Cake, bulk whs .....	ton	4.50 : 5.50	123-127 Deg. M. P. ....	D	.06% : .06%
			500 D bbls. ....	ton	12.00 : 14.00			

Manufactured by

JOH. A. BENCKISER'S

Laboratories—Ludwigshafen on Rhine

TARTARIC ACID U. S. P.

Crystal, Powder, Granular

Sole Agents

W. BENKERT &amp; CO., Inc.

81-83 Fulton Street, New York, N. Y.

Payment after passing by  
Department of Agriculture

Telephone Beekman 2116 2117 2118 8439

## Chemicals

<b>PARAFFIN (Cont.)</b>			<b>PARIS GREEN (Cont.)</b>			<b>Phthalic Anhydride, 100 lb. bbls.</b>		
128-123 Deg. M. F. ....	D	.07% : .07%	Packages, 5 and 2 lbs. ....	D	.23 : .24	via ..... lb	.18	: .20
133-137 Deg. M. F. ....	D	.08 : .08%	Packages, 1 lb., 1/2 lb., 1/4 lb. ....	D	.25 : .26	<b>PILOCARPINE HYDROCHLORIDE, USP 25 cm.</b>		
138-140 Deg. M. F. ....	D	.08% : .09	Paris White, see whitening French			lots, 1 ea. vials. ....	4.00	: 4.50
Para-Aminocetamide, 100 lb			Pepsin, USP, 5 lb bot. 12000. ....	D	2.50 : 2.75	Nitrate, 25 cm. ....	4.00	: 4.00
kg. ....	D	1.00 : 1.05	1:6000 bottles. ....	D	5.00 : 5.25	Single, cm. ....	4.50	: 4.50
Para-Aminophenol, 100 lb kgs. ....	D	1.10 : 1.15	1:10,000 bottles. ....	D	8.35 : 8.50	Alkaloid, 15 gr. via. ....	3.5	: 3.5
Hydrochloride, 100 lb kgs. ....	D	1.25 : 1.30	Peptone, powd., 5 lb. ....	D	1.70 : 1.80	Pine Oil, stem. dist. bbls. ....	gal	: .65
Para-Dichlorobenzene, 150 lb bbls.			<b>PETROLATUM, green 300 lb bbls. ....</b>	D	.02% : .03	Destructive dist. ....	D	.65 : .64
via ..... lb		.17 : .20	Dark Amber, 300 lb bbls. ....	D	.. : .04%	Piperazine Hydrate, 1 lb bot. ....	D	15.00
25-50 lb kgs. ....	D	.18 : .23	Light Amber, 300 lb bbls. ....	D	.. : .04%	Piperidine, 25 cm. ....	ton	1.10 : 1.35
Paraldehyde, USP, 100 gal. drs. ....	gal	.. : .45	Cream White, USP 300 lb bbls. ....	D	.07 : .07%	Pitch, Coal-Tar, wks. ....	ton	24.00 : 26.00
Tech. ....	D	.. : .30	Snow White, USP, 300 lb bbls. ....	D	.13% : .14	Pitch, prime. ....	bbl	6.00 : 6.50
Para-Cymene, Reid., 110 gal. drs. ....	gal	2.25 : 2.50	Lily White, USP, 300 lb bbls. ....	D	.19 : .19%	Plaster Paris, tech. 250 lb bbls. ....	..	3.50
Paraformaldehyde, USP, 100 lb cs. ....	D	.42% : .45	Phenol, see also alco carbolic			True Dental, 300 bbls. ....	bbl	4.50
Para-Nitroacetanilid, 300 lb			Makers, 950 lb drums, spot. ....	D	.23 : .24	Platinum, metal soft 10 cm. lots. ....	..	119.00
bbls. ....	D	.50 : .55	Small drums, 240-100 lb. ....	D	.24 : .26	Podophyllin, 5 lb bot. ....	D	4.50 : 4.75
<b>PARA-NITROANILINE, 300 lb bbls.</b>			Open market drums. ....	D	.. : .22	Second Hands. ....	D	4.20 : 4.30
via ton. ....	D	.58% : .60	240 lb des. drs. via. ....	D	.. : .23	<b>POTASH SALTS, rough</b>		
Para-Nitrochlorobenzene, 1200 lb dra.			Natural, 240 lb des. drs. via. ....	D	.. : .23	Pot. Murate, basis, 80% bps. ....	ton	34.55
via ..... lb	D	.20 : .23	Phenolphthalein, USP, 100 lb drs. ....	D	1.30 : 1.40	Pot. Sulfate, basis, 90% bps. ....	ton	45.55
Para-Nitro-ortho-Toluidine, 300 lb			5 lb cans, 100 lb lots. ....	D	1.40 : 1.50	Pot. & Mag. Sulfate, basis 48% bps. ....	ton	28.35
bbls. ....	D	2.75 : 2.85	Phenyl-Alpha-Naphthylamine 100 lb			Mannite Salts, basis, 30% bulk ton	..	17.50
Para-Nitrophenol, 185 lb bbls. ....	D	.50 : .55	kg. ....	D	1.23 : 1.29	Mannite Salts, basis, 20% bulk ton	..	11.00
Para-Nitrosodimethylaniline, 120 lb			Phenylethylalcohol, 1 lb bot. Dom. ....	D	5.00 : 10.00	Kainit, basis, 12.4% bulk. ....	ton	7.75
bbls. ....	D	.92 : .94	Imported. ....	D	7.00 : 7.75	Bulk in bags, \$2.00 extra.		
Para-Nitrotoluene 350 lb bbls. ....	D	.35 : .37	Phenylethylmalonylurea, ca. pks. ....	..	5.50	Prices c.i.f. Atlantic & Gulf Ports.		
Para-ox Benzaldehyde, 100 lb			Phosgene, 100 lb cylinders. ....	D	.. : .	Discounts, 50 tons. 5%; 500 tons 10%		
kg. ....	D	.. : 1.70	Phosphate Acid, 16% Bulk via water		.80 : .85	<b>POTASH, CAUSTIC, solid 88-92%</b>		
Para-Phenetidin, 500 lb dra. ....	D	1.55 : 1.80	Phosphate Rock, f.o.b. mines		2.40 : 2.50	700 lb drs. wks. ....	D	.07% : .07%
Para-Phenylenediamine, 250 lb			Florida Pebble, 68% ....	ton	2.75 : 2.85	Imp. 88-92% 700 lb dra. NYD	..	.07% : .07%
bbls. ....	D	1.20 : 1.25	Florida Pebble, 70% ....	ton	2.75 : 2.85	USP, by alcohol 5 lb cans. ....	D	.45 : .45
Para-Toluene-Sulfonamide, 175 lb			Florida, 72% ....	ton	2.70 : 3.00	CMS. ....	D	.30 : .35
bbls. ....	D	.40 : .41	Florida, 72% ....	ton	3.75 : 4.00	<b>POTASSIUM Acetate, USP, 100 lb</b>		
*Para-Toluene-Sulfonchloride, 410 lb			Tennessee, 72% ....	ton	.. : 5.50	kg. ....	D	.29 : .30
bbls. wks. ....	D	.18 : .30	Phosphorus Oxide, 175 lb cyl. ....	D	.35 : .40	Second Hands, kgs. ....	D	.36 : .38
Para-Toluidine 350 lb bbls. wks. ....	D	.05 : .60	Phosphorus, red 110 lb cs. ....	D	.75 : .80	Bicarbonate, crys. 320 lb bbls. ....	D	.09 : .10
<b>*PARIS GREEN</b>			Yellow, 110 lb cs. ....	D	.. : .32	Bichromate crys., 900 lb cans. ....	D	.08% : .08%
Arsenic Basis, 500 lb kgs. ....	D	.19 : .30	Imported, 112 lb cases. ....	D	.. : .37%	Powd., 900 lb cases, wks. ....	D	.11 : .13
Kgs, 100 lb. ....	D	.21 : .23	Phosphorus Trichloride, 175 lb cyl.			Bismutate, 300 lb bbls. ....	D	.16 : .18
Kilo, 56, 28, 14 lbs. ....	D	.23 : .23	via. ....	D	.. : .45	Import, 112 lb bbls. ....	D	.15 : .19

**VICTOR CHEMICAL WORKS**  
CHICAGO, ILL.

**OXALIC ACID**

HIGHEST PURITY

BRANCHES:  
New York - Nashville  
St. Louis

1816 **CHEMICALS** 1925

"Over a Century of Service and Progress"

CAUSTIC SODA

"CARRARA" FILLER

RUBBER MAKERS' LIME

CARBON TETRACHLORIDE

**INNIS, SPEIDEN & CO., Inc.**  
Manufacturers, Importers, Exporters of  
Industrial Chemicals

46 CLIFF STREET, NEW YORK

BRANCHES:  
Chicago  
Philadelphia  
Boston  
Cleveland  
Gloversville, N. Y.

FACTORIES:  
Niagara Falls, N. Y.  
Jersey City, N. J.  
Murphysboro, Ill.  
Owego, N. Y.



# Chemicals

## POTASSIUM (Cont.)

Bisulfate, C.P., 50 lb. cans.....D	..	..	.30
100 lb. kegs.....D	..	..	.32
Bromate, 100 lb. cs.....D	..	..	.85
BROMIDE, USP, crys., 450 lb. bbls.....D	.48	..	.49
Granular, 300 lb. bbls.....D	.48	..	.49
Cases, 100 lb.....D	..	..	.50
Imported, USP, 220 lb. cs.D	.43	..	.44
Shipment.....D	..	..	.43 1/2
CARBONATE, 80-85% calc.			
800 lb. cks.....D	.05 1/2	..	.06
80-85% hydrated, 800 lb. cks.....D	.05 1/2	..	.06
90-95% calc. cks.....D	.06	..	.06 1/2
95-98% calc. cks.....D	.06 1/2	..	.06 3/4
99% calc. cks.....D	..	..	.07 1/2
USP, 100 lb. kegs.....D	.10 1/2	..	.11
99% C.P., cks.....D	..	..	.12 1/2
Chlorate, crys., 112 lb. bgs. c/l			
whs.....D	.08 1/2	..	.09
Imp. 112 lb. kegs NY.....D	.08 1/2	..	.08 3/4
Powd., 112 lb. kegs, whs.....D	.08 1/2	..	.09
Imp. kegs NY.....D	.08 1/2	..	.08 3/4
Gran. Imp. 112 lb. kegs NY.....D	.10 1/2	..	.11
Pyrotechnic, line powd. NY.....D	..	..	.07
USP, fine crys. 110 lb. cans NY.....D	.14	..	.15
Chloride, crys., bbls.....D	.04 1/2	..	.04 3/4
Citrate, USP, 50 lb.....D	..	..	.60
Cyanide, 110 lb. cases.....D	.55	..	.58
Glycerophosphate, 75% Soln. 35 lb. tins.....D	1.35	..	1.50
Gummed Sulfonate, 5 lb. cans 10 lb.....D	2.00	..	2.25
Hypophosphite, 10 lb. cans.....D	.80	..	.85
Iodide, USP, 100 lb. cases.....D	3.45	..	3.50
Lachophosphate, 4 oz. bot. cs.....D	..	..	.90
Metalbismulfite, 300 lb. bbls.....D	.10	..	.11
Imp., 550 lb. bbls.....D	.09	..	.10

## POTASSIUM (Cont.)

Muriate, 80%, 200 lb. bags, NY K <sub>2</sub> O units.....D	..	..	.63
Nitrate, see Saltpetre			
Oxalide, neutral 100 lb. kegs.....D	..	..	.35
Perchlorate, 112 lb. kgs. Ma.-Apr. D.....D	.11	..	.12
PERMANGAN. USP, crys. 500 lb. & 100 lb. drs.			
Imp. 112 lb. drs.....D	.15	..	.16
Prussiate, red, 500 lb. casks.....D	.36	..	.37
Prussiate, yellow, 500 lb. casks.....D	.18	..	.18 1/2
Salicylate, 25 lb. cans.....D	.60	..	.65
Sulfate, 200 lb. bags, NY K <sub>2</sub> O unit USP, VIII 100 lb. kegs.....D	..	..	.15
Sulfocyanide, CP 25 lb. jars.....D	..	..	.50
Tartrate, neutral, 100 lb. kegs.....D	..	..	.51
Titanium Oxalate, 200 lb. bbls.....D	..	..	.33
Pumice Stone, lump, 250 lb. bbls.....D	.04 1/2	..	.06
Lump, bagts.....D	.04	..	.05
Powdered, 350 lb. bbls.....D	.02 1/2	..	.03
Pyridine, 50 gal. drums.....gal	..	..	4.70
Quebracho Bark.....ton	..	..	120.00
QUEBRACHO, 35% Liquid Str. D			
450 lb. bbls.....D	.03	..	.03 1/2
35% bleaching, 450 lb. bbls.....D	.03 1/2	..	.04
Solid 65%, 100 lb. bales.....D	.04 1/2	..	.05 1/2
Clarified, bales.....D	..	..	.05
Quercitron, 51 1/2, 450 lb. bbls.....D	.06 1/2	..	.08
Solid, 100 lb. boxes.....D	.10	..	.13
Quercitron bark, rough.....ton	..	..	14.00
Ground.....ton	34.00	..	35.00
QUICKSILVER, see Mercury			
Quinine Alk., 100 oz. tins.....oz	.75	..	.75
Sulfate, 100 oz. tins.....oz	..	..	.50
Quinodine, see Chinodine			
QUININE SULFATE, USP.			
American 100oz. tins.....D	..	..	.50
1 oz. tins, 100oz. lots.....D	..	..	.57
Dutch 100 oz. tins.....oz	..	..	.50

## QUININE SULFATE, USP.

Java, 100 oz. tins.....oz	..	..	.50
Japanese, 100 oz. tins.....oz	..	..	.50 1/2
male.....oz	..	..	.47 1/2
Acetate.....oz	..	..	.88
Arsenate.....oz	..	..	.88
Benzonate.....oz	..	..	.88
Bisulfate, USP.....oz	..	..	.45
Citrate.....oz	..	..	.62
Dihydrochloride, USP.....oz	..	..	.66
Dihydrobromide.....oz	..	..	.66
Dicarbonate, 13 oz. tins.....oz	..	..	2.50
Ethyl Carbonate, 16 oz. tins.....oz	..	..	.70
Ferrocyanide.....oz	..	..	.88
Formate.....oz	..	..	.85
Glycerophosphate.....oz	..	..	.88
Iodide.....oz	..	..	.88
Hydrobromide, USP.....oz	..	..	.62
Hydrochloride, USP.....oz	..	..	.62
Hydrochlorosulfate.....oz	..	..	.66
Hydrochloride & Urea, USP.....oz	..	..	.88
Hypophosphite.....oz	..	..	.88
Lactate.....oz	..	..	.78
Phenolsulfonate.....oz	..	..	.88
Phosphate.....oz	..	..	.74
Salicylate, USP.....oz	..	..	.63
Tannate, USP.....oz	..	..	.45
Tartrate.....oz	..	..	.88
Valerate.....oz	..	..	.89
Small Sizes: 1oz. vials or cans, 50oz. lots, 5c. oz. extra; 50oz. cans, 50oz. lots 3c. oz. extra; 25oz. cans, 50oz. lots 2c. oz. extra; single 1oz. vials or cans, 5c. extra. All minor quinine salts sold and quoted basis 100oz. lots in 100oz. cans. Sulfate and bisulfate sold basis 100oz. lots in 100 oz. cans. Smaller orders or containers extra as above schedule.			

# Selden Brand 99.99+% Pure PHTHALIC ANHYDRIDE

ANTHRAQUINONE. Synthetic anthraquinone manufacturers using Selden Brand phthalic anhydride are assured of uniformity of raw material and finished product which, after all, is the first essential of sound business.

## THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.

## Chemicals

Quinones, 100 lb kegs .....	1.75	: 2.25
R SALT, 250 bbls, wks .....	.45	: .47
Red Lead, see lead oxide		
Red Precipitate, see mercury		
Rennet, N.F., 5 lbs. (1.25,000) lb	2.95	: 3.50
Resorcinol, see resorcinol		
Resorcinol, tech., 100 lb kegs ..	1.30	: 1.35
USP, 25 lb cans .....	2.35	: 2.35
Rochelle Salt, USP, 225 lb bbls ..	.20	: .20 1/2
Imp, USP, 300 lb bbls .....	.19	: .19 1/2
Rosewater, triple, 5 gal. dems. gal	.85	: .90
Rosin, (Sold in 600 lb bbls, gross for net.)		
B .....	2.80 lb	10.35 : 10.50
D .....	2.80 lb	10.35 : 10.50
E .....	2.80 lb	10.50 : 10.55
F .....	2.80 lb	10.50 : 10.60
G .....	2.80 lb	10.60 : 10.70
H .....	2.80 lb	10.60 : 10.70
I .....	2.80 lb	10.60 : 10.75
K .....	2.80 lb	10.65 : 10.75
M .....	2.80 lb	10.65 : 10.80
N .....	2.80 lb	11.45 : 11.55
WG .....	2.80 lb	13.30
VV .....	2.80 lb	14.50
(Sold in 600 lb bbls net. quotations based on a unit of 280 lb)		
Roan Oil first run, 500 gal ..bbls	.56	: .58
Second run, bbl .....	.59	: .61
Rotten Stone lump imp bbls ..	.07	: .08
Lump selected, bbls .....	.09	: .12
Powdered bbls .....	.02	: .05
Domestic, bags mines .....	24.00	: 30.00
SACCHARIN, USP, 10 lb cans, 25 lb		
Soluble, USP, 10 lb cans, 25 lb ..	1.75	: 1.85
USP, 10 lb cans, 25 lb ..	1.75	: 1.85
Sago, Flour, 150 lb bags .....	...	: .05
Sal Ammoniac, see Ammon. Chloride		
Sal Soda, see Sodium Carbonate		
Salicin, USP, 1 lb cartons, 25 lb lb	5.00	: 5.25
Salol, USP, 100 lb drums .....	.80	: .90
Salt, Common, see sodium chloride		
Salt Cake, c/l f, c, b, wks .....	17.00	: 20.00

## SALTPETRE, Double Refined

Granular, 400-500 lb bbls .....	c/l wks .....	.06
Less c/l wks, bbls .....		.06 1/2
Large Crystals, 350-400 lb bbls.,	c/l wks .....	.07 1/2
Small Crystals, 350-400 lb bbls.,	c/l wks .....	.07
Powdered, bbls. c/l wks .....		.07 1/2
Imported, 500 lb bbls. NY .....		.06 1/2
Santonin, USP, 1 lb bot .....	155.00	: 160.00
Powd. 1 lb bot .....	158.00	: 162.00
Saponin, ex Quillaja, 5 lb tins ..	1.00	: 1.10
Satir White, 500 lb bbls .....		.01 1/2
Schaeffer's Salt, 250 lb bbls.wks lb	.60	: .65
Sercolamine, see hyoscine		
Sulfitic Mixture, 225 lb bbls .....	.16 1/2	: .16 1/2
SILICA		
Crude, bulk, mines .....	6.00	: 7.00
Refined, floated, bags .....	18.00	: 30.00
Air floated, bags .....	32.00	: 50.00
Extra, floated, bags .....	55.00	: 65.00
Colloidal, 16 oz bot .....	..	2.80
SILVER metal, American oz .....	..	.69 1/2
Silver Iodine, 16 oz bot .....	..	.69
Nitrate, 16 oz bot .....	..	.47
Nucleinate, 1 oz bot .....	..	.39
Proteinates, 1 oz bot .....	..	.39
Bulk .....	..	4.90
Soap, castile 40 lb bbs .....	20	: ..
Powd. USP, 250 lb bbls .....	.28	: .30
Green, USP, 150 lb kgs .....	.07 1/2	: .08 1/2
Soapstone, see Talc, crude		
SODA ASH, 58% light		
1-4 bags, deliv'd NY .....	2.19	
5 & Up bags deliv'd NY .....	2.04	
1-4 bbls, deliv'd NY .....	2.44	
5 & Up bbls deliv'd NY .....	2.29	
Contract, Basis 58% bags c/l		
wks .....	1.38	
Prompt and spot, Basis 58% bags		
c/l wks .....	1.43	
Contract, Basis 58% dense bags		

## SODA ASH (Cont.)

c/l wks .....	100 lb	...	1.45
Pmpt and spot, Basis 58% bags			
c/l wks .....	100 lb	...	1.50
SODA, CAUSTIC, 76% solid			
1-4 drums deliv'd NY .....	100 lb	...	3.91
5 & Up drums deliv'd NY .....	100 lb	...	3.76
Ground & Flake, 76%			
1-4 drums, deliv'd NY .....	100 lb	...	4.31
5 & up drs deliv'd NY .....	110 lb	...	4.16
1-4 bbls deliv'd .....	100 lb	...	4.56
5 & up bbls deliv'd .....	100 lb	...	4.41
Contract basis 76% c/l wks			
100 lb		...	3.10
Pmpt and spot, Basis 76%			
c/l wks .....	100 lb	...	3.20
Contract 74% low grade c/l			
wks, flat .....	100 lb	...	3.02
Ground & Flake, 76% pmpt and			
spot, wks, c/l drs .....	100 lb	...	3.60
Contract 76% drums c/l wks			
flat .....	100 lb	...	3.50
USP, stick, 10 lb cans .....	..	19	: 21
Pure, stick, by alcohol .....	..	25	: 27
Soda Sal, see Sodium Carbonate			
Sodium Metal, 12 1/2 lb bricks ..	..	..	27
SODIUM ACETATE, crys. 450 lb bbls			
wks .....	..	.04 1/2	: .04 1/2
Aluminate 500 lb bbls wks lb	..	.07 1/2	: .08
Aluminum sulfate, see alum. soda			
Arsenite, 4 lb mat, wks drums gal	..	.50	: .60
Drums, 8 lb material, wks gal	1.00	: 1.20	
Benzonate, USP, 100 lb bbls ..	..	.51	: .55
Bicarbonate, 400 lb bbls NY .....	..	2.25	
Bbls c/l wks .....	100 lb	...	2.00
112 lb kegs, wks .....	..	2.25	
112 lb kegs NY .....	..	2.50	
Bichromate, 600 lb cans wks ..	..	.08 1/2	: .07
Cans c/l NY .....	..	.06 1/2	: .07
Cans, NY .....	..	.06 1/2	: .06 1/2
Bisulfite, dry powder, 500 lb	..	.04	: .04 1/2
bbls, wks .....	..	.04	: .04 1/2
Imported .....	..	.03 1/2	

Soda Ash

Bicarbonate of Soda

Caustic Soda

Modified Soda

Special Alkali



## QUALITY

The additional value in  
Diamond Alkalies that main-  
tains them as the Standard.



DIAMOND ALKALI COMPANY  
PITTSBURGH, PA.



The customer appreciates the Solvay Standard—and the ceaseless efforts of trained experts has maintained that enviable standard for over forty years. Solvay Service means the economy of supplying the best at a reasonable price; and the maintaining of adequate stocks at 75 convenient shipping points throughout the country.

Solvay 58% Soda Ash  
Dense—Light  
Solvay Fluf (Extra Light Soda Ash)  
Solvay 76% Caustic Soda  
Solid—Flake—Ground  
Solvay Super Alkali  
Solvay Snowflake Crystals  
(Trademark Registered)  
Solvay Laundry Soda  
Solvay Cleansing Soda  
Solvay Tanners Alkali  
Solvay Tanners Soda  
Solvay Liquid Caustic Soda  
Solvay Calcium Chloride 73%—75%



**The Solvay Process Company**  
Detroit, Mich.      Syracuse, New York      Hutchinson, Kan.

*Sales Department, Wing & Evans, Inc., 40 Rector St., New York*

Boston

Chicago

Cincinnati

Cleveland

Detroit  
Indianapolis

Pittsburgh  
Philadelphia



## Chemicals

## SODIUM—(Continued)

BROMIDE, USP, 450 lb bbls..	.48	.49
Cases, 50 lb .....	.48	.49
Imp. USP, 220 lb cases ..	.47	.48
Bromate, 100 lb ca. ....	...	1.18
Cacodylate, USP, 25 lb ..	...	...
5 lb bot .....	5.90	6.25
Carbonate Sal Soda 350 lb..	...	...
le/l NY .....	1.30	1.35
Works e/l .....	1.10	1.30
Monohydrate, 400 lb bbl ..	...	...
le/l NY .....	...	2.40
Pure photographic 100 lb ..	...	...
leg .....	.08	.08
Chlorate, 112 lb kegs. wks..	.08½	.08½
Imported, 112 lb kegs .....	...	.08½
Chloride, tech .....	12.00	13.00
C. P., 300 lb bbls. ....	.05	.06
Chromate 800 lb bbl .....	...	.08
Citrate, USP, IX, 50 lb kegs..	...	.50
USP, VIII, 50 lb kegs .....	...	.52
Cyanide 98-98% 100 lb cases	...	...
wks. ....	...	.22
Ton lots, wks. ....	...	.21
73-76% 100 lb cases, wks..	...	.19½
125-128% 200 lb ca. ....	.20	.20½
120 125% 200 lb ca. ....	.17	.18
118-120% 200 lb ca. ....	.16	.17
Fluoride, 300 lb bbls., wks..	.09	.09½
Imp. 350 lb bbls .....	.08½	.09
Glycerophosphate USP cryst. 25 lb	...	...
cases .....	1.40	1.55
Powder, 25 lb tins .....	1.45	1.60
Solution, USP, 25 lb tins..	1.05	1.30
Hydroxide, see Soda Caustic ..	...	...
Hypochlorite Soln, 100 lb cysd ..	...	.05
14½% soln, 50 lb cysd ..	...	.04
Hydrosulfit, 200 lb bbls.f.o.b.wks.	.22	.24
For Stripping, 50 lb cases ..	.30	.35
Hypophosphite, USP, 25 lb cases	...	...
lb .....	.70	.75

## SODIUM—(Continued)

HYPOSULFITE, tech. pos crys.	...	...
375 lb bbls., wks. ....	2.85	3.05
Bbls., e/l wks. ....	...	2.50
100 lb kegs, wks. ....	2.80	2.90
Imp .....	2.75	3.00
Regular crys., bbls. wks. ....	2.40	2.65
Bbls., e/l wks. ....	2.40	2.50
Kegs. wks. ....	3.00	3.10
Imp .....	2.35	2.45
Iodide, USP, 25 lb jars .....	4.25	4.30
Metanilate, 150 lb bbls. ....	.70	.75
Naphthionate, 800 lb bbls ..	.55	.57
Nitrate crude, 95% 200 lb bgs	...	...
e/l NY .....	...	2.47
Aug-Sept Shipment NY 100 lb	2.47	2.50
Double Refined 400 lb bbls	...	...
gran. e/l wks. ....	...	.04½
Powdered, bbls. e/l wks. ....	...	.05½
Nitrite, 500 lb bbls., spot makers	...	.09
Imp. 650 lb cases .....	.09	.09½
Ortho-Chloro-Toluene Sulfonate,	...	...
175 lb bbls., wks. ....	.25	.27
Oxalate, neutral, 100 lb kegs..	.20	.23
Perborate, 275 lb bbls. ....	.21	.22
Imp. 225 lb drs. ....	.21	.22
Peroxide, 200 lb cases .....	...	.27
Phosphate, di-sodium, tech. 550 lb	...	...
Bbls. ....	3.40	3.75
USP, gran, 275 bbls. ....	.07	.07½
Imp. gran .....	.04½	.05½
USP, Crystal, 275 bbls. ....	.07½	.08
Mono-sodium, 100 lb kgs. ....	.30	.31
Tri-sodium, tech., e/l bbls. ....	.03½	.04½
Picramate, 100 lb kegs .....	...	.60
Para-Toluene Sulfonate 175 lb	...	...
bbls. ....	.08	.09
PRUSSIAN, yellow, 350 lb bbls.	...	...
wks. ....	.10½	.10½
Imp 50 lb cks .....	.10½	.10½
Pyrophosphate, 100 lb kegs ..	.24	.26
Salicylate, 100 lb kegs .....	...	.40
Second hands, USP, kegs .....	.39	.40

## SODIUM—(Continued)

Silicate, 40° turbid, tanks	...	...
wks. ....	...	100 lb ... : .75
55 gal. drums, wks. ....	.88	1.10
40° clear, tanks, wks. ....	...	1.10
55 gal. drs., wks. ....	1.20	1.45
42° turbid, tanks, wks. ....	...	.80
55 gal. drs., wks. ....	.90	1.18
42° clear, tanks, wks. ....	...	1.25
55 gal. lrs., wks. ....	1.35	1.75
Silicofluoride, 450 lb bbls. NY.	.04½	.04½
Stannate, 100 drms. ....	.38	.39
Sulphate, see Glauber's Salt ..	...	...
Sulfate, Anhydrous, 550 lb bbls.	...	...
e/l wks. ....	.08½	.04
Imp. 250 lb bbls .....	.02½	.02½
Sulfoxide, 65% solid, 650 lb drs.	...	...
le/l wks. ....	...	.04½
Dr. e/l wks. ....	...	.04
Imp. 700 lb drs NY .....	...	.03½
60% broken, 650 lb drs. wks.	...	.04½
Dr. e/l wks. ....	...	.04½
30% crys. 440 lb bbls. wks.	.02½	.02½
Imp. 400 lb bbls .....	...	.02½
Sulfite, crys. 400 lb bbls. wks.	.03½	.03½
Anhydrous, 400 lb bbls. ....	.09½	.10
Sulfocarbonate, USP, 100 lb kegs	.32	.34
Sulfocyanide, 400 lb bbls .....	.30	.35
Tungstate, crys. 100 lb kegs..	.70	.75
SOLVENT NAPHTHA, 110 gal.	...	...
dr. wks. ....	...	.30
8,000 gal. tank cars, wks. gal	...	.35
Spartan Sulfate, USP, 250 lb. bulk, os	...	.50
Single oz. vial .....	...	.67
Spruce, 25% liquid tanks, wks.	.01	.01½
Powd. 50% 100 lb bags. wks.	.02	.02½
Starch, rice, 140 lb bags. ....	.09	.10



**"COLUMBIA BRAND"**

Columbia Chemical Division,  
Pittsburg Plate Glass Co., Barberton, Ohio

# Caustic Soda

All Tests

# Soda Ash

Dense-Light  
Granular if Desired

Sole Selling Agents

## The Isaac Winkler & Bro. Co.

50 BROAD STREET  
NEW YORK

FIRST NAT'L BANK BLDG.  
CINCINNATI

# CHEMICAL SEABOARD COMPANY

REFINERS

# METHANOL

(Wood Alcohol)

Absolute, Pure, Refined and  
Denaturing Grades

# METHYL ACETONE

Refinery—Newark, N. J.  
Rail and Water Facilities

## SEABOARD CHEMICAL CO.

90 WEST STREET  
NEW YORK

Telephone  
Rector 4090-4091

Cables  
Seaboard-New York

## Chemicals

STARCH, powd. 140 lb bgs c/100 lb	3.87
Bags 1c/1	3.97
Pearl, 140 lb bgs c/1	3.77
Bags, 1c/1	3.87
Potato domestic, 200 lb bags c/1 lb	.08 1/4 : .04
Imported bags duty paid	.06 1/4 : .06 1/4
Wheat, dom.	.06 1/4 : .07
Imp.	.07 1/4 : .08
Sol. Potato	.07 : .07 1/4
STRONTIUM Bromide, USP, 50 lb kegs	.51 : .52
Carb. 600 lb bbls. wks.	.07
100 lb kegs, wks.	.08
Iodide USP, 15 lb jars	.40
Nitrate, 600 lb bbls., wks.	.08 1/4 : .09
Imp., bbls., NY	.07 1/4 : .08
Salicylate, USP, 100 lb kegs	.75 : .80
STRYCHNINE Alkaloid, USP, crys.	
100 oz. tins	.71
Japanese, cans	.75
Alk. powd. USP	.61
Acetate	.65
Glycerophosphate, USP	.65
Hydrobromide	.65
Hydrochloride	.65
Hydrophosphite	.75
Nitrate, USP	.65
Phosphate	.65
Sulfate, USP, crys. powd.	.50
Saccharinate	1.25
Strychnine preparations quoted bases	
100 oz lots in 100 oz tins. Small sizes;	
1/4 oz vials, 50c extra; 1/2 oz vials, 25c	
extra; single ounce vials, 7c extra. Lots	
of 25 ozs. 5c higher than above	
schedule Lots of less than 25 ozs.	
10c higher per oz.	
Sugar Coloring (See Caramel)	
Sugar Milk, USP, 200 lb bbls.	.39 : .31
Second Hands, USP, bbls.	.18 : .19
Sulfonal, see Sulfonmethane	
Sulfonethymethane, USP, 10 lbs bbs	3.85 : 4.05
Sulfonmethane, USP, 10 lb bbs	2.65 : 2.85

SULFUR	
Crude, f.o.b. mines	14.00 : 15.00
Brimstone, 250 lb bags, c/1 100 lb	1.75 : 1.95
Less c/1 bags NY	1.85 : 2.10
Roll, 500 lb bbls. c/1 NY 100 lb	2.15
Less c/1 bags NY	2.20 : 2.45
Flour, Heavy, 290 lb bbls, 100 lb	2.50 : 3.05
Light, 100%, 260 lb bbls, 100 lb	2.80 : 3.15
Rubbermakers 100%, 240 lb	
bbls, NY	2.50 : 3.15
Commercial 99%, 150 lb bgs	
NY	1.85 : 1.65
For Disting. 99%, 100 lb	
bgs, NY	1.85 : 2.50
Flowers, 100%, 240 lb bbls	
NY	3.25 : 3.90
Precipitated, 125 lb bbls. NY	.15 : .17
Lac, 125 lb bbls. NY	.10
Sulfur Chloride, red, 700 lb drs	
wks.	.05 1/4 : .06
150 lb chys., wks.	.07
Yellow, 700 lb drs. wks.	.04 1/4 : .05
150 lb chys., wks.	.06
Sulfur Dioxide, 100 lb cyl.	.08 : .08 1/4
Iodide, USP, VIII, 5 lb bot.	4.55
Sulfuric Ether, see Ether	
400 lb Chloride 600 lb drs.	.65 : .70
Sumac, liquid, 450 lb bbls.	.05 1/4 : .07 1/4
Stainless, 600 lb bbls.	.10 1/4 : .11 1/4
Sumac, Sicily, 100 lb bags	115.00 : 150.00
Virginia, 150 lb bags	55.00 : 60.00
Destructive, distilled, bbls.	.68 : .70
TALC, Italian 220 lb bags NY	40.00 : 50.00
Refined, white, bags	50.00 : 55.00
French 220 lb bags, NY	30.00 : 35.00
Refined, white, bags	38.00 : 45.00
Dom., crude, 100 lb bags NY	12.00 : 15.00
Refined, 100 lb bags, NY	16.00 : 18.00
Tankage, ground, NY	3.85 : 4.00
High grade f. o.b. Chicago	4.30
So Am. c.i.f.	3.90 : 4.10
Tapoca Flour, high grade bags	.05 : .05 1/4
Medium grade, bags	.04 : .05
Low grade, bags	.03 1/4 : .04
Tar, Coal Gas, Tks wks.	.08 : .08

Tar Coke Oven, Tks. wks.	.07 : .08
Water Gas, Tks. wks.	.08
Tar, klin-burnt	14.00
Retort	15.00
Tartar Emetic, tech. 700 lb bbls.	.27 : .28
USP, 300 lb bbls.	.31 : .34
Tensilac 41, 100 lb drums	.65
Tensilac 69, 100 lb drums	4.80
Terpin Hydrate, USP, 100 lb kegs	.45 : .47
Terpineol, CP, 1000 lb drums	.38 : .40
Cans, 50 lb	.42 : .45
Imported, cans 25 lb	.43 : .46
Terpinyl Acetate, 25 lb cans	1.65 : 1.85
Terra Alba, No. 1, 300 lb bbls, 100 lb	1.85 : 1.90
Tetralene, 50 gal drs. wks.	1.45
Tetrachlorethane See Acetylene Tetrachloride	
Theobromine Alk., 5 lb cans	3.60 : 3.75
Sod. Salicylate, 1 lb bot.	2.92
Thiocarbamid, 170 lb bbls.	.34 : .36
Thymol, USP, 25 lb tins	3.75 : 4.00
Iodide	6.75 : 7.00
TIN, metal Straits NY	.59
Iodine, 5 lb boxes	7.25 : 7.50
American Standard, NY 100 lb	59.00
99% American, NY, 100 lb	57.75
Bichloride, 50% soln. 100 lb	
bbls wks	.16 1/4
Crystals, 500 lb bbls, wks	.40 1/4
100 lb kegs wks	.41
Oxide, 300 lb bbls wks.	.60
100 lb kegs wks.	.62
Tetrachloride, 100 lb drs wks	.33 1/4
Titanium Oxide, bbls, wks.	.13 : .14
Toluidine, 350 lb bbls	.90 : .94
Sulfate, 350 lb bbls.	.80 : .85
Toluene, 8000 gal tank cars wks gal	.26 : .28
110 gal drs wks	.31 : .33
Toluidine, Mixed, 900 lb drs, wks.	.31 : .32
Toners, para red.	.90 : 1.00
Toluidine	1.80 : 1.90
Triacetin, 50 gal drs wks	.37
Tribrromphenol, 100 lb cases	1.10
Trional, see Sulfonethymethane	
Triphenylguanidine	.69 : .73
Triphenyl Phosphate, 450 lb bbls	.75

THE  
NEWPORT  
PRODUCTS

## HEXALIN

[Hexa Hydro Phenol]

## TETRALIN

[Tetra-Hydro-Naphthalene]

Immediately Available



**Newport Chemical Works**  
Incorporated  
PASSAIC, NEW JERSEY



## BENZOLS

The *Barrett* Company

Benzol Department

40 Rector Street



New York, N. Y.

Coast to Coast Producing Points!

# Chemicals

Tripoli, 500 lb bbls	100 lb	2.50	: 3.08
Tungsten, NY	WO unit	11.50	: 12.50
Turkey Red Oil, bbls single	D	.11	: .12
dozide	D	.16	: .19
Turpentine, spirits, bbls	gal	.98½	: 1.03
Wood steam Dist., bbls	gal	.88½	: .93
Ultramarine Blue	D	.16	: .25
UREA, pure, 112 lb cases	D	.18	: .20
Valonia Caps, 30-31% tan	ton	35.00	: 38.00
Board, 42% tan, bgs	ton	55.00	: 57.00
Mixture, 36% tan	ton	40.00	: 42.00
VANILLIN, USP, 500 oz cans	oz		: .49½
Cans, 80 oz	oz		: .50
Cans, 16 oz	oz		: .61
Second Hands	oz	.47	: .56
Venetian Red	D		: .93
Verdigris, see Copper Subacetate			
Vermilion, Amer. 100 lb bags	D	.35	: .40
English, bgs	D	1.40	: 1.45
Veratrine Sulfate, 1 oz vial	oz		: 1.85
Hydrochloride, 1 oz vial	oz		: 1.85
Veronal, see Acid Diethylbarbituric			
Vulcone, 250 lb bbls, wks	D	.75	: .79
Wattle Bark, bgs	ton	44.00	: 45.00
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb bags, c/l wks 100 lb			: 1.35
Gliders, bags NY	100 lb		: 1.35
French, bags NY	ton	14.50	: 15.00
English, bags, NY	ton	21.00	: 23.00
Paris White	100 lb	1.80	: 1.80
Witch Hazel Extract, 50 gal. bbls	gal	1.05	: 1.10
XYLENE, 3° dist range, nitration			
110 gal, drs NY	gal		: .55
5° dist. range, 8000 gal. tanks			
wks	gal		: .40
110 gal, drs wks	gal		: .45
10° dist. range, drums, wks	gal		: .40
Tanks, wks	gal		: .35
Commercial, 110 gal drs, wks	gal		: .31
Tanks, wks	gal		: .26
Xylidine, crude	D		: .37
Refined	D	.40	: .42

YARA YARA, 1 lb tins	D	1.85	: 1.88
Yohimbin Hydrochloride, 1 oz. vial	oz	3.15	: 4.00
Zinc	oz		: 3.00
Yolk Oil bbls	D		: .35
ZINC, METAL, high grade, slabs			
c/l NY	100 lb		: 8.75
Common Slabs, c/INY 100 lb		7.95	: 7.97½
Mossy, 25 lb bxs. NY	D		: .14
Ammonium Chloride, powd., 400 lb			
bbls	D		: .06½
Carb. tech bbls NY	D		: .09½
USP, 100 lb kegs	D		: .20
Chloride, fused, 600 lb drs. wks	D		: .97½
Drz. c/l wks	D		: .06
Granulated, 500 lb bbls wks	D		: .08
Imported, dr NY	D	.07½	: .07½
Solution, 50%, tanks wks 100 lb	D	.27	: .30
USP, 25 lb jars	D	.40	: .41
Cyanide, 100 lb drs	D		: .10
Dust, 100 lb tins, wk	D		: .09
500 lb bbls kegs c/l wks	D		: .09½
500 lb bbls, kegs, lc/l wks	D		: .52½
Iodide, 5 lb bbls	D		: .45
Nitrate, 25 lb jars	D		: .07½
Oxide, Amer. Bags wks	D		: .07½
Oxide, Amer 300 lb bbls. wks	D		: .10
French, 300 lb bbls wks	D		: .08½
Bbl. c/l wks	D		: .11½
Bags, c/l wks	D		: .11½
USP, 100 lb bbls c/l	D		: .14
10-25 bbl lots	D		: .15
5 bbl lots	D		: .16
1 bbl lots	D		: .17
Imported, white seal, bbls	D		: .12
Green seal, bbls	D		: .10
USP 100 lb sola	D	.15½	: .16
Stearate, USP, 50 lb bbls	D	.21	: .23
Resales	D	.20½	: .21
Sulfate, 400 lb bbls, wks	D	.03½	: .08½
Bbls, c/l wks	D		: .08
USP 100 lb bbls	D	.14	: .15
Sulfide, 500 lb bbls	D	.30	: .35
Sulfocarbonate, 100 lb bags	D	.20	: .22
wks	D	1.25	: 1.75
Zirconium, oxide, pure	D	.45	: .60
Semi-ref'd, bgs	D	.08	: .10
Natural, bgs	D	.01½	: .03

## Oils - Fats

Castor, No. 1, 400 lb bbls	D	.16	: .16½
80 lb cases	D	.17	: .17½
No. 2, bbls	D	.15½	: .16
Blown, 400 lb bbls	D		: .18
China Wood, spot NY	D	.13½	: .13½
Tanks, Spot NY	D		: .12½
Coast, tanks	D	.11½	: .12
Cocunut, Ceylon, 375 bbls NY	D	.11½	: .11½
8000 gal tanks, NY	D	.10½	: .10½
Cochin, 375 lb bbls NY	D	.11½	: .11½
Tanks, NY	D		: .11
Manila, bbls NY	D	.11½	: .11½
Tanks, Pacific Coast	D		: .09½
Edible, bbls NY	D	.12½	: .12½
Cod Newfoundland, 50 gal bbls	gal	.62	: .65
Tanks, NY	gal	.55	: .57
Cod Liver, see Cod Liver Oil under Chemicals			
Copra, bags	D	.05½	: .06
Corn, ref., 375 lb bbls, NY	D		: .13
Crude, tanks mills	D		: .10½
Bbls, NY	D	.11½	: .12
Cottonseed, crude, tins mill	D		: .09½
PSY, 100 bbls NY July	D	.11½	: .12
Aug-Feb	D	.10½	: .11½
White, 100 bbls lots, NY	D		: .13
Winter yellow, 100 bbls, NY	D	.13½	: .14
Degras, Amer, 50 gal, bbls, NY	D	.04½	: .04½
English, light, bbls, NY	D	.05½	: .05½
Brown, bbls, NY	D	.04½	: .04½
Light brown, bbls, NY	D	.04½	: .04½
Dark, bbls, NY	D	.03½	: .04
Neutral, bbls, NY	D	.07½	: .12
Moellon, bbls, NY	gal		: .50
Greases, choice white, bbls NY	D	.15	: .15½
Yellow	D		: .09½
Brown	D		: .09½
House	D		: .09½
Rose naphtha	D		: .07

Hexamethylenamine, U. S. P.  
Benzoate of Soda

Formaldehyde, U. S. P.  
Benzaldehyde

## THE NORVELL CHEMICAL CORPORATION

New York Office  
99 John Street

Perth Amboy, New Jersey

Chicago Office  
180 North Market St.

Church & Dwight Co.

80 Maiden Lane  
New York

Bicarbonate of Soda  
Sal Soda  
Monohydrate of Soda

Coal Tar  
Disinfectants

Phenol coefficients 2 to 20. Rideal-Walker Test.  
Produce white emulsion free from deposit.  
Phenol coefficients guaranteed.

BAIRD & McGUIRE, Inc.

Holbrook, Mass.  
P. O. Box 473

St. Louis, Mo.  
1200 Switzer Avenue



# Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls, NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.17%	.17%
Compounds, bbls	lb	.14%	.14%
LARD OIL, Edible prime	lb	.20	
off prime bbls	lb	.19%	
Extra bbls	lb	.16%	
Extra, No. 1 bbls	lb	.14	
No. 1 bbls	lb	.13%	
No. 2 bbls	lb	.13%	
LINSEED, raw c/l bbls spot	gal	1.03	
Five, bbls raw	gal	1.06	
Tanks, raw	gal	.97	
Bottled, 5 bbl lots wks	gal	1.09	
Double Bottled, 5 bbl	gal	1.10	
Aug-Sept c/l bbls wks	gal	1.03	
Oct-April c/l wks	gal	...	
Imported bbls, NY	gal	...	
Tanks, NY	gal	...	
Menhaden, crude bbls wks	gal	.55	
Crude, tanks, Balt	gal	.53%	
Light pressed, bbls, NY	gal	.70	.72
Yellow, bleached, bbls, NY	gal	.73	.74
Extra bleached, bbls, NY	gal	.75	.77
Blown, bbls, NY	lb	...	.10%
Nearfoot, 20° c. t. bbls, NY	lb	.18	
Pure, bbls, NY	lb	.15	
Extra, bbls, NY	lb	.14	
No. 1 bbls, NY	lb	.13%	
Oleo Oil, No. 1 bbls NY	lb	.15%	.16
No. 2 bbls NY	lb	.13%	.13%
No. 3 bbls, NY	lb	...	.12
OLIVE, denatured, bbls, NY	gal	1.18	1.20
Edible, bbls, NY	gal	2.00	2.30
Foots bbls, NY	lb	.08%	.08%
Shipments	lb	.08%	.08%
Palm Lagoos, 1500 lb casks	lb	.08%	.09%
Niger casks	lb	.08%	.09
Soumy old Calabar, casks	lb	...	nom.
Palm Kernel bbl NY	lb	...	.10%

Peanut, refined, bbls, NY	lb	.15	.16
Crude, mills buyers' tks	lb	...	...
Crude, bbls, NY	lb	...	.10%
Perilla, bbls NY	lb	.15	.15%
Poppyseed, bbls, NY	gal	2.25	2.50
Rapeseed, refined bbls NY	gal	.98	1.00
Blown bbls NY	gal	...	1.05
Red Oil, distilled, bbls	lb	.11%	.12%
Saponified, bbls	lb	.11%	.12%
Tanks	lb	...	.11
Salmon, 2000 gal. tks. Coast	gal	.50	nom.
Sesame, edible, yellow bbls	lb	.13%	.13%
White	lb	.14%	.15
Sod Oil, bbls, NY	gal	.40	
SOYA BEAN crude tks, Coast Coast	lb	...	.11%
Crude, tks, NY	lb	...	.12%
Crude, bbls, NY	lb	...	.13
Refined, bbls, NY	lb	...	.14%
Sperm, 38° c.t. bichd. bbls NY gal	lb	.87	.89
45° cold test, bichd. bbls NY gal	lb	.85	.87
STEARIC ACID, s.p. 200 lb bags	lb	...	.14%
Double pressed, bags	lb	...	.15%
Double pressed, bags saponified	lb	...	.14%
Triple pressed, bags, distilled	lb	.17	.17%
Triple pressed, bags saponified	lb	.17	.17%
Stearine oleo, bbls	lb	...	.15
Tallow, edible tierces	lb	...	.11%
City, extra loose	lb	...	.09%
Tallow Oil, acidless tks, NY	lb	...	.12
Bbls, cl NY	lb	...	.13%
Walnut, crude bbls, NY	lb	...	...
Whale, nat winter bbls, NY	gal	...	.79
Bichd. winter bbls, NY	gal	...	.81
Extra Rich, bbls, NY	gal	...	.93
Crude, No. 1, tanks Coast	gal	...	...
Crude, No. 2, tanks Coast	gal	...	...
Crude, No. 3, tanks Coast	gal	...	...

## Crude Drugs

Acetides Gum, red, see Yacon	lb	...	...
ACONITE LEAVES, bales	lb	.10	.11
Root, USP, bags	lb	.33	.33
Agar Agar, 1, 200 lb bales	lb	1.35	1.40
No. 2 bales	lb	1.35	1.40
No. 3 bales	lb	1.10	1.25
Agaric, white, cases	lb	2.75	3.00
Granulated, boxes	lb	3.85	3.40
Almonds, bitter, boxes	lb	.60	...
Sweet, boxes	lb	.57	.60
Meal, barrels, boxes	lb	.34	.35
Aletris Root, bags	lb	.35	.38
Alkanet Root, bag	lb	.08%	.10
Aloes, Barbados, 120 lb bbls	lb	.70	.75
Caps, 400 lb cases	lb	.08%	.09
Curacao, 100 lb cases	lb	.11	.12
Socotrine whole, 300 lb cs	lb	...	.35
Select, cakes, lb	lb	.36	.38
Althea Root, Cuts, cs	lb	.45	.47
Whole	lb	.24	.25
Ambergris, black boxes	lb	8.00	10.00
Grey, boxes	lb	...	26.00
Ammoniac, tears, bags	lb	.75	.80
Angelica Root, dom. bags	lb	.13	.14
Angustura Bark, bags	lb	.16	.30
Anise, Levant, bags	lb	.14%	.15
Russian bags	lb	.14	.14%
Star Cases	lb	.14%	.15
Spanish bags	lb	.16%	.17
Annatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM	lb	...	...
White, No. 1, 200 lb bags	lb	.24	.25
Secunde, 250 lb bags	lb	.22	.23
Sorts, amber, 200 lbs. bbls	lb	.13%	.14
Powd., USP, 300 lb bbls	lb	.21	.22
Areca Nuts 150 lb bags	lb	.18	.19
Powd., 200 lb bbls	lb	.20	.21
Argols, Red, grd. see Chemicals	lb	...	...
Arnica Flowers, bales	lb	.11	.14
Root, bags	lb	.28	.30



Sulphur Black  
Anthraquinone  
Beta Methyl Anthraquinone  
Aluminum Chloride (Anhydrous)  
Dyestuffs  
Soda Hyposulphite

## NEW FAST BLUE RS

By a special process, we have removed the physical objections to "sneeze blue" and produced a highly soluble dye for toning black upper leathers.

**E.C. KLIPSTEIN & SONS CO.**  
644-652 Greenwich St., New York

**WAXES GUMS**

Glues      Gelatins

**WILLIAM H. DEY & CO.**  
2 Rector St., New York  
TELEPHONE WHITEHALL 5120

**WILLIAM C. LAWSON CORPORATION**  
BROKERS

PHONES  
V. 9347-9348

We offer

**WHITE POWDERED ARSENIC**  
**ACETYLENE BLACK**  
Spot and Futures

**51 Chambers Street**  
NEW YORK CITY

## Crude Drugs

Arrowroot, Amer. Powd. bbls....D	.10	.10%	Cassia Batavia, No. 3 bales....D	.10	.10%	Elecampane Root, bags.....D	.09	.10
Bermuda, bbls.....D			China, select, rolls, cases...D	.07%	.07%	Kider Flowers, bags.....D	.10	.13
St. Vincent Powd. bbls.....D	.14	.15	Broken, bales.....D	.06%	.06%	Elemi Gum, 85 lb cases.....D	.15	nom
Asafetida, USP, 250 lb cases...D	.23	.26	Buds, cases.....D	.20	.21	Elm Bark, select 5 lb bundles casesD	.26	.27
Powd., 50 lb bxs.....D	.38	.40	Cassia Fistula, baskets.....D	.07	.09	Grinding, bags.....D	.16	.17
BALM GILEAD RUBS, bags....D	.40	.43	Castle Soap, USP, powd., 200 lb			Powdered, bbls.....D	.23	.25
Balmory Herbs, bales.....D		.14	bars.....D	.20	.22	ERGOT, 150 200 lb bags.....D	.48	.50
BALSAMS			Caster Beans, bags.....D	.03	.03%	Eucalyptus Leaves, bales.....D	.05%	.06
Copaiba, Para 80 lb cs.....D	.47%	.50	Castoreum, See Aromatic Chemicals, Perfumes, Sun-			Euphorbia Pilulifera Herb, bags...D	.08	.08%
South American, 80 lb cs D	.52%	.53	dries			Euphorbium Gum, cases.....D	.23	.27
For Canada, cases.....gal	11.00	13.00	Catechu Gum, bags.....D	.11	.13	Powdered boxes.....D	.23	.30
Oregon bbls cases.....gal	.95	1.10	Catnip Herb, bales.....D	.23	.26	Fennel Seed, French, bags.....D	.08%	.09
Peru, 120 lb cases.....D	1.75	1.80	Celery Seed bales.....D	.32	.33	German, bags.....D	.14	.16
Tolu, 120 lb cases.....D	1.40	1.50	Ceresin Wax, white bags.....D	.12	.20	Indian, bags.....D	.08%	.09
Bamboo Brier Root, bags.....D	.06	.07	Yellow, 200 lb bags.....D	.10	.12	Feenugreek Seed, 200 lb bags....D	.05	.05%
Barberry Bark, tree bales.....D	.13	.15	Imp 100 lb bags.....D		.34	Fish Berries, 100-125 lb bagsD	.08	.08%
Root, bags.....D	.35	.37	CHAMOMILE FLOWERS, Roman			Flax Seed, whole, 180 lb bbls....D	15.00	15.05
Barberry Bark, bales.....D	.10	.12	cases bales.....D	.20	.25	Ground, 180 lb bbls.....D	.08	.08%
Wax, bbls.....D	.21	.23	Hung, cases bales.....D	.16	.20	Fringe Tree Bark, bags.....D	.25	.28
Balladonna Leaves, bales.....D	.25	.27	Charcoal, Willow, powd bbls....D	.05%	.06%	Fumigating Pastilles Black, 1 lb		
Root, bags.....D	.15	.18	Wood, powd. bbls.....D	.04	.06	boxes.....D		.18
Bees Wax, white cases.....D		.55	Theriacal Bark, bags.....D	.07	.08	Red, 1 lb boxes.....D	.45	.50
Yellow, refined, cases.....D		.45	Herb, bales.....D	.06	.06%	GALANGAL ROOT, bags.....D	.09	.10
Crude bags.....D	.38	.40	Jules Gum, bags.....D	.85	.90	Galbanum Gum, cases.....D	.80	.85
Benzoin Gum, Siam, boxes.....D	1.30	1.50	Chiretta, bales.....D	.07	.10	Gambier Gum, bags.....D	12%	.16
Sumatra, 80 lb boxes.....D	.24	.25	Uinchona Bark, red quills bales..D	.75	.80	Gamboge Gum, 160 lb cases...D	.90	.95
Berberis Aquifolium Root, bags..D	.11	.13	Broken cases.....D	.24%	.28	Powdered cases.....D	.98	1.00
Beth Root, bags.....D	.24	.26	Cinnamon, Ceylon, No. 1 bales D	.41	.42	Gelsemium Root, bags.....D	.12	.13
Bitter Root, 100 lb bags.....D	.40	.43	No. 2, bales.....D	.38	.39	Gentian Root, bags.....D	.08%	.09
Blackhaw Bark, root, bales....D	.30	.31	No. 3, bales.....D	.37	.38	Ground, bbls., boxes.....D	.12	.13
Tree, bales.....D	.15	.17	Civet, Abyssin horns.....cs	1.85	2.50	Powdered, boxes.....D	.12	.13
Blood Root, bags.....D	.13	.15	Clover Tops, bags.....D	.20	.22	Ginger African, bags.....D	.15%	.17%
Blood Root, bags.....D	.27	.30	Cloves, Zanzibar 135 lb bales..D	.29	.30	Jamaica, grinding, bags bbls..D	.17%	.18%
Boldo Leaves, bales.....D	.15	.20	Ambornas, bales.....D		nom	Japan, bags.....D	.21	nom
Bonsett Herb, bales.....D	.09	.11	Penang, bales.....D	.40	.42	Cochin, ABC & Lemon, bags D	.19%	.21
Leaves, bales.....D	.09	.11	Cochineal, Black.....D	.54	.55	Ginseng Root, cultivated, bags..D	8.00	10.00
Borage Flowers, bales.....D	.18	.20	Silver.....D		.51	Northern Wild, bags.....D	12.00	14.00
Bryonia Root, bags.....D	.09	.16	Oca Leaves, Huamoo bags.....D			Southern Wild, bags.....D	8.50	10.00
Black Indian Root, 100 lb bags..D	.40	.42	Trevisio, bags.....D			Golden Seal Root bags.....D	4.50	4.60
BUCHU LEAVES, short, 350 lb			Cohosh Root, Black bags.....D	.07%	.15	Powdered boxes.....D	4.90	5.15
bales.....D	.63	.65	Blue, bags.....D	.10	.11	Grains of Paradise, bags.....D	.13	.14
Less bales.....D	.66	.70	Colchicum Root, bags.....D	.08	.09	Grindelia Robusta Herb, bales..D	.09	.09%
Long bales.....D			Seed, bags.....D	.16	.17	Guaiac Gum, 80 lb cases powd D	.40	.48
Buckbean Leaves, bales.....D	.11	.12	Colocynth, apples, cases, bales..D			Guarana, tins, cases.....D	.80	.95
Buckthorn Bark, bags.....D	.07	.09	Pulp USP bales.....D	.22	.25	GUM, see Arabic Gum, etc.		
Burdock Root, bags.....D	.10	.13	Pulp.....D	.23	.35	WELLESORE ROOT,		
Burgundy Pitch, dom., 110 lb stands			Colombo Root, whole bags.....D	.03%	.04	Black, bbls.....D	.08	.10
Grow for net.....D		.05%	Coltsfoot Leaves, bags.....D	.05	.06	Powdered.....D	.15	.17
Imported.....D	.10	.11	Comfrey Root, bags.....D	.13	.14	White, Powd., 250 lb bbls....D	.12	.13
Calabar Beans, bags.....D		1.00	Condurango Bark, bags.....D	.12%	.13	Helonias Root, (unclean false)		
Calamus Root, bleached, cases..D	.23	.25	Conium Herb, bags.....D	.12	.14	bags.....D	.67	.68
Unbleached, bags.....D	.06%	.07	Conium Seed, bags.....D	.10	.11	Hemp Seed, bags.....D	.03%	.04%
Celandine Petals, imp., bales...D	.23	.33	Copaiba Balsam Para, see Balsams	.12	.13	Hemba Leaves, bales, USP.....D	.29	.31
Callisaya Bark, bales powd.....D	.35	.36	Copal Gum.....D	.06	.06%	No. assay.....D	.22	.26
Campbor, see Chemicals			Coriander Seed, Bombay, bags..D	.04%	.05%	Henna Leaves, bales.....D	.08%	.10
Canary Seed, Morocco bags.....D	.08%	.09	Morocco, bags.....D	.08%	.09	Powdered.....D	.12	.14
Spanish, bags.....D	.08%	.09	Bleached, bags.....D	.05%	.06%	Honey, Calif., 120 lb cases....D	.11	.12
South American, bags.....D	.07%	.08%	Corn Silk bales.....D	.14	.15	Hops, NY prime bale.....D	.26	.30
Candellilla Wax, bags.....D	.50	.52	Cotton Root Bark, bales.....D			Pacific Coast prime bales....D	.25	.27
Canella Alba Bark, bales.....D	.50	.52	Dowhage, on tins.....cs		.65	Horehound Herb, bales.....D	.03	.10
Cannabis, true imp. bags.....D			Cramp Bark, so-called bales....D	.06%	.07	Horse Nettle, Berries, bags....D	.35	.55
American (no assay) bales....D	.30	.40	True, bags.....D	.30	.32	Horsetail Rush, bags.....D		.15
USP.....D	.46	.60	Cranesbill Root, bags.....D	.09	.10	Hydrangea Root, bales.....D	.09	.10
Cantharides, Chinese cases.....D	.95	1.00	CUBEB BERRIES, XX bags....D	.65	.66	India Gum, see Karaya		
Powdered bags.....D	1.15	1.20	Powdered, lbs.....D	.65	.67	INSECT FLOWERS, open whole		
Russian, cases.....D	.75	.80	Culvers Root, bags.....D	.19	.20	Bales.....D		
Powdered, boxes.....D	.95	1.05	Cumin Seed, Levant bags.....D	.14%	.15	Closed, whole bales.....D		
Caraway Seed, African, bags....D	.07%	.08	Malta bags.....D	.12%	.13%	Powdered, pure 200 lb bbls D	.32	.40
Dutch, 11 lb bags.....D	.07%	.08	Morocco, bags.....D	.13	.13%	Flowers and Stems, 50 p.c.		
Cardamom, bleached cases.....D	2.50	2.80	Cuttlefish Bone, Trieste, straps..D	.13	.14	200 lb bbls.....D		
Decorticated cases.....D	2.40	2.60	Jewellers large, straps.....D		.30	Ipecac Root, Cartagena bags...D	2.35	2.50
Green, grinding bags.....D	1.58	1.65	Small, straps.....D		.25	Powdered, 200 lb bbls bxsD	2.65	2.70
Carnauba Wax, Flor. bags.....D		.40	French, straps.....D	.13%	.14	Rio Whole, bags.....D	2.35	2.45
Powd.....D		.40	Powdered, boxes.....D	.08	.09	Powdered 200 lb bbls bxsD	2.65	2.70
No. 1 yellow bags.....D	.38	.39	Broken, boxes.....D		.07	Gingiam American, 130 lb cs..D	.75	.80
No. 2, N Country bags.....D		.33	Damar Gum, 136 lb cases.....D	.25	.25%	Russian (Beluga) bxs. ctms..D	4.00	4.50
No. 3, N Country bags.....D		.32	Damiana Leaves, bales.....D	1.25	1.50	JABORANDI LEAVES, bales.....D	.10	.10%
No. 3, chalyb, bags.....D		.32	Dandelion Root, imp bags.....D	.18	.20	Jalap Root, whole, 150 lb bags D	.27	.35
Cascara, Amarga 150 lb bales...D	1.25	1.50	Deer Tongue Leaves, bales.....D	.08%	.09	Powdered, USP, 550 lb bbls..D	.34	.36
So-called, bales.....D	.65	.70	Digitalis Leaves, bales.....D	.10	.11	Japan Wax, 224 lb cs.....D		.18%
Cassia Sagrada, bales.....D			Dill Seed, bags.....D	.05%	.06	Job's Tears, White, bags.....D	.12	.13
1920-22 bark.....D	.21	.24	Cleanned bags.....D	.08%	.08%	Juniper Berries, 125 lb bags...D	.05	.05%
1924 bark.....D	.14%	.15	Dogwood Bark, Jamaica, bags....D	.09%	.10	KAWALA, USP, boxes.....D	1.00	1.05
1925 bark.....D	.13	.14	American, bales.....D	.07	.08	Karaya Gum, powdered, bbls...D	.10	.25
Cascarilla Bark, quills, bales....D			Doggrass Root, USP, cut bags...D	.10%	.11			
Settling, bbls.....D			Dragons Blood, mass cases.....D	.70	.75			
Cassia Batavia, No 1 bales.....D	.12	.12%	Reeds, boxes.....D	.85	.90			
Shortstick, bales.....D	.11	.11%	ECHINACEA ROOT, bales.....D	.20	.32			

## Crude Drugs

Kauri Gum No. 1	.68	.70	Marjoram Leaves, French, bales	.36	.37	Opium, Powdered, USP, cases	18.00	14.00
Kava Kava Root, bags	.18	.19	Chilian, bales	.20 1/2	.21	Orange Flowers, cases	.25	1.25
Kino Gum, black cases	.55	.60	Mastic Gum, 120 lb cases	.58	.60	Orange Peel, bitter, bags	.07 1/2	.08
Kola Nuts, 150 lb bags	.04 1/2	.05	Matico Leaves, bales	.22	.27	Sweet, bags	.11	.11 1/2
Konoso Flowers, bags	1.50	1.75	Mezereon Bark, bags	.11	.12	WARRIS ROOT, Florentine bold bags	.09	.10
LADY SLIPPER ROOT, bags	.55	.60	Millet Seed, dom. yellow bags	.03 1/2	.04	Powdered, 200 lb bbls	.11 1/2	.13
Larkspur Seed, bags	3.25	4.25	Montan Wax, crude bags	.06	.07	Verona, bags	.08	.10
Laurel Berries, bags	.10	.11	Bleached	...	...	Powdered, 200 lb bbls	.11	.12
Leaves, Greek bags	.05	.05 1/2	Moss, Iceland, bales	.08 1/2	.10	Fingers, cases	.58	.60
Italian bales	.04 1/2	.05	Irish, bleached, bales	.11	.12	Ozokerite Wax, brown hard bags	.24	.25
American, bales	.25	.35	Select, bales	.14	.15	Green, hard bags	.26	.29
Lavender Flowers, ordinary	.22	.24	Mullein Flowers, tins	.85	.80	Refined, yellow, bags	...	.37
Selected	.80	.84	Musk, pods, Carbadine, tins	16.00	17.00	PAPRIKA, bags	.20 1/2	.24
Leeches tubs	4.00	5.00	Tongala	22.00	25.00	Pareira Brava Root, bags	.11	.12
Lemon Peel, bags	.08 1/2	.09	Grain Calb.	25.00	26.00	Parley Seed, bags	.15	.17
Ulcioric Root, Russian, whole	.03	.04	Touquin	35.00	38.06	Patchouli, Leaves, bales	.19	.20
Spanish, natural bales	.07	.08	Synthetic, see Chemicals	...	...	Peltiory Root, bales	.19	.20
Powdered, bbls	.08 1/2	.09	Musk root, Russian bags	1.40	1.65	Penugroal	.07	.10
Selected, 2 & 5 lb bundles	.11 1/2	.12	Mustard Seed Bari brown bags	.12	.12 1/2	Pepper, black, Sing. bags	.14	.14 1/2
Cuttings, 125 lb bags	.08 1/2	.07	Bombay, brown	.06 1/2	.7 1/2	White, bags	.28 1/2	.29
Turkish, 150 lb bales	.03	.03 1/2	California, brown	.08 1/2	.09 1/2	Aleppy, bags	.20	.20 1/2
Life Everlasting Herbs, bales	.05	.06	Yellow	...	.11 1/2	Lampong, bags	.19	.19 1/2
Lime Juice, clarified bbls	.60	.65	Chinese yellow	.05 1/2	.06 1/2	Tellecherry, bags	.21	.21 1/2
Linden Flowers with leaves, bales	.11	.11 1/2	English, yellow	.09 1/2	.11 1/2	Muntok, bags	.29	.29 1/2
Without leaves, bales	.19	.20	Dutch, yellow	.10	.10 1/2	Red Chillies, Japan No. 1, lbs	.21	.21 1/2
Lobelia Herb, bales	.36	.38	Danish, yellow	.08 1/2	.09	Mombassa, bags	.10	.10 1/2
Seed, bags	.62	.65	Myrrh Gum, select, 200 lb cs	.24	.28	Talay, bags	.10	.11
Loraine Root, Imported, bags	.20	.25	Soris, cases	.20	.24	Capicum, Bombay, bags	.11	.11 1/2
Lupulin, N. F. tins	1.60	1.80	NUTGALLS, Chinese, bags	.17	.18	Peppermint Leaves, imp. bales	.18	.22
Bands, No. 1 cases	1.00	1.05	Aleppy, bags	.20	.22	Cuts, bales	.12	.14
Lycopodium, 89 lb cs	.95	1.15	Nutmegs, 110s cases	.54	.55	Domestic leaf	.18	.19
MACE, Siau, No. 1	1.08	1.09	76s, 80s, cases	.59	.61	Peru Balsam, see Balsams	...	...
Banda, No. 1 cases	1.10	1.11	Grinding, bags	.48 1/2	.49	Nchl Leaves, bags	.17	.19
Batavia, No. 2, cases	.88	.90	Nux-Vomica Buttons, bags	.05	.06	Pimento Select, bags	.09 1/2	.09 1/2
West India, cases	.85	.87	Powdered, 200 lb bbls	.07 1/2	.10	Pink root, true bags	.68	.75
Malva Flowers, blue bales	.32	.40	BAK BARK, red bags	.03	.06	Pitch, Burgundy, see Burgundy Pitch	...	...
Black, bales	.60	.70	White, bags	.06	.07	Plantain Leaves, bales	...	.12
Manoa Root, bales	.17	.22	Oilbanum Gum, Sift 280 lb cases	10 1/2	.11	Pleurisy Root, bags	...	.19
Manoa, large flake, cases	.60	.70	Tears, 280 lb cases	...	...	Foto Berries, bags	.15	.17
Small flake, cases	.38	.40	No. 1, all white 280 lb	...	...	Root	.09	.10
Soris, cases	...	.30	case	.22	.23	Pomegranate Bark, of root bags	...	.35
Mandrake Root bags	.10	.12	No. 2, 280 lb cases	.12	.14	Of Fruit, bags	...	.30
Marjoram Leaves, German bales	.20 1/2	.27 1/2	Opium, gum, USP, cases	12.00	13.00	Of Tree	...	.30
African, bales	...	...	Granular, cans	12.00	14.00	Poopy Flowers, red bags	.26	.27

## RUSSIAN WORMSEED

Guaranteed to contain not less than 2% of Santonin

DISTRIBUTORS FOR THE U. S. A.

B. PRESMAN CO.

68 WILLIAM ST. NEW YORK

Tel: John 1756

Cable Address "SANTONICUS"

HEADQUARTERS:

Eastern and Russian Trading Co., Ltd., London, England  
Sole distributors of the genuine Russian Wormseed

## PHARMACEUTICAL PREPARATIONS

SYNTHETIC PREPARATIONS

ALKALOIDS

are delivered by

RUDOLPH BAYER

Manufacturer of Chemicals

BERLIN - NEUKÖLIN

Biebrichstr. 8.

WHITING  
IRON OXIDE  
LAMP BLACK  
ULTRAMARINE  
BLUEWe supply best qualities at lowest prices.  
Write or cable us when next you are buyers.

Compagnie Commerciale du Nord

G. A. STEFFENS

Established 1889

21, Rue Kipdorp — Antwerp (Belgium)

Cable address: Comercinord - Antwerp



## Crude Drugs

Poppy Seed, Dutch, bags.....D	.10%	.10%	Savory Leaves, bales.....D	.07%	.10%	Spruce Gum, boxes.....D	1.00	1.50
German, bags.....D	.09%	.10	Saw Palmetto Berries, bags....D	.40	.45	Spaw Vine, bales.....D	...	.18
Turkish, bags.....D	.09	.09%	Scammony Resin, boxes.....D	1.35	1.50	Squills, white.....D	...	.04%
Blue Indian, bags.....D	...	...	Scammony Root, bags.....D	.09	.09%	Powdered, bulk.....D	.13	.14
White Indian, bags.....D	.08	.08%	Senega Root, bags.....D	.60	.70	Stavesacre Seed, bags.....D	.35	.37
Prickly Ash Bark, Southern, bagsD	.21	.22	SENNA, Alex 150D cases.....D	.22	.23	Sticklac, 250D bales.....D	.35	.40
Northern, bags.....D	...	...	half Leaf, 350D bales.....D	.13	.15	Stillinger Root, bags.....D	.00%	.12
Prickly Ash Berries, bags.....D	.12	.14	bartings, 400D bales.....D	.10	.11	Stone Root, bags.....D	.09	.10
Prince's Pine, bales.....D	.20	.25	rewoored, 200D bbls.....D	.14	.14%	St. Ignatius Beans, bags.....D	.13	.14
Fulastilla Herb, bags.....D	.12	.13	Tinnevely, Bold, 350D bbls.D	.14	.15	St. John's Bread, bags.....D	.08	.09
Pumpkin Seed, bags.....D	.08	.09	suetum Leaf.....D	.11	.12	Stramonium Leaves, bales.....D	.10	.12
QUASSIA CHIPS, bags.....D	.07	.07%	small Leaf.....D	.08	.11	Stramonium Seed, bags.....D	.10	.11
Queen of the Meadow Herb, bags.D	...	.08	Powdered, 200D bbls.....D	.09%	.10	Strophanthus Seed, Hlapidus.....D	...	nom
Quince Seed, bags.....D	.80	.85	Pods, 350D bales.....D	.17	.18	Kombe bags.....D	...	nom
RAPE SEED, South Amer. bagsD	.06%	.07	serpentaria Root, bags.....D	.85	.91	Styrax, liquid artif.....D	.35	.40
Dutch, bags.....D	.08	.08%	Shellac, D. C. bags.....D	.77	.79	Gen. USP.....D	.45	.60
Japanese, small, bags.....D	.07%	.08	V.S.O. bags.....D	.77	.79	Sunflower Seed, domestic bags..D	.06%	.06%
Raspberries, dried bbls.....D	.50	.52	Diamond I. bags.....D	.77	.79	South American, bags.....D	.05	.05%
Red Saunders.....D	.08%	.09	Superfine, Orange bags.....D	.55	.57	TAGALDER BARK, bags.....D	.05	.09
Rhatany Root, bags.....D	.08%	.09	fine, bags.....D	.63	nom.	Tamarinds, bbls.....D	.07	.08
RHUBARB, Root, H. D. cases....D	.38	.40	T. N. bags.....D	.52	.53	Kops.....D	3.76	3.80
Powdered, 200D bags.....D	.42	.45	Garnet, A. C.....D	.51	.52	Fansy Herb, bales.....D	.18	.19
Rosemary Leaves, bales.....D	.08%	.07	nutton bags.....D	.76	.78	Tar, Barbados, 50 gal bbls....gal	1.45	1.50
Rosemary Flowers, cases bales...D	...	.40	Mischel, ground, blue.....D	.56	.58	Flux Gum, 250D bbls.....D	.09	.10
Acce Petals, pale.....D	.27	.30	Bone Dry, bbls.....D	.59	.61	Thyme, Spanish bales.....D	.08	.08%
Red.....D	...	1.25	Sideritis Herb, cut bags.....D	.15	.18	French, bales.....D	.08	.08%
Rue Herb, bales.....D	.18	.20	Simaruba Bark, bales.....D	.08	.09	Tilia, see Linden	...	...
SABADILLA SEED, bags.....D	.14%	.16	Skullcap Leaves, Eastern, bales..D	.60	.62	Tolu Balsam, See Balsams	...	...
Powder, bbls.....D	.20	.21	Western bales.....D	.32	.34	Tonga Bark, bags.....D	.70	.75
Saffron Flowers, Amer Bales.....D	.50	.55	Skunk Cabbage Root, bales.....D	.13	.16	Tonka Beans, Angostura, cases.D	2.00	2.10
Valencia, 1lb cases.....D	31.00	32.00	Snake Root, Canada, natural, bagsD	.34	.35	Para, cases.....D	.85	.90
Sage, Dalmatian, bales.....D	.04%	.05%	Stripped, bags.....D	.50	.65	Surinam, cases.....D	.85	.90
Greek, bales.....D	.65%	.64	SOAP BARK, whole, 150-200D	.10	.12	Tragacanth Gum, No. 1 ribbon	1.45	1.50
Sarsaparilla, bales.....D	.08	.08%	bales.....D	.09%	.10%	No. 2.....D	1.15	1.30
Sandalwood, chips, bags.....D	.16	.19	Cut, 125-175D bags.....D	...	.11%	Powdered, 50D boxes.....D	.87	90
Ground, bags.....D	.31	.33	Crushed, 200D bbls.....D	.25	.27	Turkish, cases.....D	.45	.85
Sandarac Gum, 300D bbls.....D	.42	.46	Spearment Leaves, American balesD	.43	.44	...	...	...
Sarsaparilla Root, Honduras, balesD	.67	.70	Spermaceti, blocks, cakes, cases D	.17	.18	...	...	...
Mexican.....D	.22	.33	Sphenard Root, bags.....D	...	...	...	...	...
Sassafras Bark, ordinary bales...D	.15	.17	...	...	...	...	...	...
Select, bales.....D	.29	.32	...	...	...	...	...	...

### Saccharin Soluble

Granular & Powdered

### Saccharin Insoluble

Powdered

**RHODIA CHEMICAL CO.**

89 FULTON STREET

New York

Works: New Brunswick, N. J.

## COD LIVER OIL

"A-A BRAND"

Brödr. Aarsaether A/S  
AALESUND NORWAY

*Finest Lofoten Non-  
Freezing Medicinal Quality*

**P. R. DREYER**

Sole Representative in the United States  
15 PLATT STREET NEW YORK



Essential Oils — Flavoring Oils

**PEACH ALDEHYDE  
(C14)**

When added to your Ethereal Peach or  
Apricot Flavor will give it a naturalness  
which cannot be otherwise obtained.

**COMPAGNIE DUVAL**

32 CLIFF ST., NEW YORK

SOLE AGENTS IN U.S. AND CANADA

SCHMOLLER & BOMPARD

MARIO DE PASQUALE  
MESSINA (ITALY)

D. M. BAKARDJIEV  
KARLOVO (BULGARIA)

# Essential Oils

Turmeric Root, Madras bags	.09	.09%
Aleppy bags	.09	.09%
Powdered	.13%	.14
China, bags	.09	.09%
Turpentine, Venice true 80 lb ca	.27	.28
Artificial, 80 lb cases	.11	.13
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
True, see Aletris		
Uva Ursi Leaves, bales	.05	.05%
VALERIAN ROOT Belgian bags	.35	.38
Vanilla Beans, Mex, whole cases	9.00	10.00
Cuts, cases	8.00	8.50
Bourbon, cases	5.50	6.50
South American, cases	7.50	8.00
Tahiti, yellow label cases	5.00	5.50
Green Label, cases		
Vetiver Root, 100 lb bags	.25	.26
Violet Flowers, bags	.80	.95
WANGO BARK, of root bags	.75	.80
Of Tree, bags	.30	.32
White Pine Bark, rosed, bags	.07 1/2	.08
White Poplar Bark, bags	.06	.07
Wild Cherry Bark, thin green		
Rosed, bales	.13 1/2	.14
Thick Rosed, bales	.07	.09
Thin Natural, bales	.08	.08 1/2
Thick Natural, bales	.06 1/2	.07
Willow bark, bags		.06
White, bags		.15
Witch Hazel Bark, bgs.	.07 1/2	.09
Leaves, bales	.08 1/2	.09
Worm Seed, American, bags	.08	.08 1/2
Levant, bags	3.00	3.25
Wormwood Herb, imported bales		.10
Wacca Gum, red	.04	.04 1/2
Ground	.05 1/2	.06 1/2
Yellow Root (Zanthoxyl) bgs.	.12	.17
YELLOW DOCK ROOT, bags	.12	.14
Yellow Parilla Root, bags	.16	.17
Yerba Santa, bags	.10	.11
Yedary Root, bags	.11	.12

## Essential Oils

Almond, Bitter, USP, 5 lb bot.	3.00	3.25
Bitter ff PA 5 lb bots.	3.15	3.35
Sweet, 5 lb cans	.75	.90
Apricot, Kernel, 50 lb cans	.50	.60
Amber, crude, 25 lb tins	.50	.60
Rectified, 25 lb tins	.75	.80
Angelica Root, 1 lb bot.	25.00	35.00
ANISE, Tech, 68 lb case	.70	.72
USP, 60 lb cans	.72	.75
Bay, 25 lb tins	2.15	2.25
Terpeneless	4.00	4.50
Bergamot, 25 lb coppers	4.75	5.25
Terpeneless	10.00	14.00
Artificial, 25 lb cans	2.00	2.30
Birch Tar, rect, 5 lb bot.	.50	.60
Crude, 50 lb tins	.20	.25
Bois de Rose, 25 lb tins	3.50	3.75
Cade, 25 lb cans	.30	.35
Cajuput, native, 50 lb tins	.75	.80
Calamus, 5 lb bot.	3.75	4.00
Camphor, Sassy 1000 lb drs.		.14 1/2
White, 1000 lb drs.	.11 1/2	.12
Cans, 50 lbs.	.14	.14 1/2
Cananga, native, 25 tins	2.30	2.40
Rectified, 25 lb tins	2.75	3.00
Caraway, USP	1.70	1.80
Cardamom, USP, 1 lb bot.	40.00	45.00
Carvol, 5 lb bot.	8.75	9.75
Cascarilla, USP, 1 lb bot.	50.00	52.00
CASSIA, 80-85% 400 lb drs.	2.35	2.50
Rectified, USP, 50 lb cans	2.75	3.00
Cedar Leaf, 50 lb tins	.80	.90
Cedar Wood, light 1000 lb drs.	.55	.60
Celery, 1 lb bot	10.00	10.50
Chaulmoogra, 80 lb cases	.85	.90
Cinnamon, Ceylon, 1 lb bot.	10.50	11.00
Leaf, 5 lb bot	1.40	1.50

## CITRONELLA, Ceylon

1000 lb drums	.50	.52
50 lb tins	.52	.55
Java, 400 lb drums	.95	1.00
50 lb tins	1.05	1.15
Cloves, USP, 50 lb cans	1.85	1.90
6 lb bot	1.90	2.00
Copaiba	.48	.50
Coriander, USP, 1 lb bot.	9.50	10.00
Croton, USP, 25 lb tins	.90	.95
Cubeba, USP, 5 lb bot	4.50	4.75
Cumin, 1 lb bot	10.50	11.00
Dill, 25 lb cans	3.75	4.00
Erigeron 20 lb tins	3.25	3.75
EUCALYPTUS, Austral USP,		
50 lb ca.	.57	.58
500 lb drums	.55	.56
Fennel, USP, 25 lb tins	.80	.90
Geranium, African, 25 lb cans	5.25	6.00
Bourbon, 25 lb tins	4.00	4.25
Turkish, 25 lb tins	3.75	4.00
Ginger, 1 lb bot.	10.00	11.00
Gingergrass, 25 lb tins	2.50	2.75
Hemlock, 25 lb tins	.82	.85
Juniper Berries, USP, 25 lb tins	2.25	2.50
Wood, 50 lb tins	.80	.85
Lavender USP, 25 lb tins	5.00	6.75
Spike, Spanish, 50 lb cans	1.10	1.75
LEMONGRASS, Ital USP, 25 lb cans	1.45	1.75
Terpeneless	8.00	10.00
American, USP, 25 lb cans		1.50
Lemongrass, native 50 lb cans	1.00	1.10
Limes, Express, 25 lb tins	6.50	6.75
Distilled, 25 lb tins	2.25	2.50
Linaloe, Mex, 80 lb cases	3.50	3.75
Mace, distilled, 50 lb tins	1.40	1.50
Mirbane, ref., see Ar. Chemicals		
Mustard, USP, 1 lb bot	14.00	14.25
Artif, USP, 5 lb bot	2.10	2.25
Neroli, Bigarade 1/2 & 1 lb bot.	75.00	100.00
Petale, 1 lb bot	100.00	125.00
Artificial, 1 lb bot	10.00	20.00

UNGERER & CO.



OTTO OF ROSES

Benzyl Benzoate

Benzyl Alcohol

Benzyl Acetate

Working samples and prices will  
be sent promptly upon request

Morana Incorporated

118 East 27th Street, New York

Chicago

230 W. Superior St.

Paris

28, Rue St. Lazare

Toronto

42 Wellington Street, East

Works

Elizabeth, New Jersey

## Essential Oils

Nutmeg, USP, 25 lb tins	1.40	1.50
Orange, bitter, 25 lb tins	2.70	2.75
Sweet W Ind, 25 lb tins	2.55	2.75
Italian, 25 lb cop	2.65	3.00
American 25 lb tins	2.70	2.80
Distilled, 25 lb tins	1.70	1.75
Spanish, 25 lb tins	2.75	2.90
Origanum, 50 lb cans tech.	.25	.28
Fennel, 1 lb bot	3.50	3.60
Patchouli, 5 lb bot	4.50	5.00
Fennycoral, dom., 25 lb tins	1.90	2.00
Imported, 25 lb tins	1.65	1.70
PEPPERMINT, nat 60 lb cases	18.00	19.00
Redis, USP, 60 lb cases	19.00	20.00
Petit Grain, S. A. 25 lb tins	2.25	2.35
French, 1 lb bot	6.50	7.00
Italian, 25 lb tins	2.30	2.50
Pimento, 25 lb tins	3.50	3.65
Pinus Sylvestris 25 lb tins	.85	1.25
Pumilio, USP, 25 lb tins	2.85	2.90
Rose, Fr., 8, 16, 32 oz pkgs. or	9.00	9.50
Bulg., 8, 16 & 32 oz pkgs	9.50	11.00
Artificial, 1 lb bot	2.00	2.75
Rosemary, USP, 27 1/2 lb tins	.47 1/2	.52 1/2
1000 drums	.45	.47
Tech. 27 1/2 lb tins	.37 1/2	.38
Rue, 1 lb bot	...	4.00
Sandalwood, E. Ind. USP, 75 lb	7.00	7.10
cases	2.25	2.35
W. Indian (Amayris) 25 lb tins	2.25	2.35
Sassafras, USP, 50 lb cans	.85	1.00
Artificial, 1000 lb drs. 60 lb cans	.27	.30
Savin, 50 lb tins	2.15	2.30
Spearmint, USP, 60 lb cases	8.00	8.25
Spruce, 50 lb tins	.82	.85
Tanay, Amer., 20 lb tins	3.10	3.25
Tar, 50 gal bbls	.25	.30
Refined, USP, 25 lb tins	...	...
Thyme, red. USP, 25 lb tins	.80	.85
White, USP, 25 lb tins	.95	1.00
Tech, 110 lb drums	.65	.70

Vetiver, Bourbon, 1 lb bot	12.00	14.00
Indian, 1 lb bot	30.00	40.00
Java, 1 lb bot	20.00	22.00
Wine, heavy, 1 lb bot	...	1.50

### WINTERGREEN

Sweet beh., 25 lb tins	2.50	3.00
Southern, 25 lb tins	1.85	2.00
Gaultheria, true 25 lb tins	7.00	8.00
Southern, 25 lb tins	3.75	4.00
Synthetic, see Methyl Salicylate		
Wormseed, Balt USP, 25 lb tins	4.75	5.00
Wormwood, dom. 25 lb tins	4.00	4.50
Ylang Ylang, Bourbon, 10 lb tins		
No 1	9.00	10.00
No. 2	6.00	7.00
Manila, 1 lb bot	35.00	40.00

### OLEORESINS

Aspidium, USP, 1 lb bot	2.00	2.25
Capicum, USP, 1 lb bot	2.00	2.25
Cubeb, USP, 1 lb bot	4.00	4.50
Jinger, 5 lb bot	3.25	3.50
Maifern. See Aspidium		
Orris, 1 lb bot	15.00	18.00
Pepper, black USP, 1 lb bot	3.50	3.75
Vanilla, 1 lb bot	16.50	22.00

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot	1.00	1.25
Borneol, 1 lb bot	2.50	2.60
CITRAL, 250 cans	2.75	3.00
Citronellal, 1 lb bot	2.50	3.00
EUCALYPTOL, USP, 50 lb cans	.90	.95
Eugenol, USP, 25 lb cans	2.75	3.00
Geraniol, Domestic, 50 lb cans	3.00	3.50
Imported, 5 lb bot	3.25	3.75
Iso-Eugenol, 1 lb bot	3.75	3.90
Imported	3.75	3.90

Linalool, 5 lb bot	6.00	6.25
From Bois de Rose, 5 lb bot	7.00	7.25
MENTHOL, 60 lb cases	11.75	12.00
less cases, 5 lb cans	11.90	12.25
Rhodinol, 1 lb bot	16.00	20.00
Extra, 1 lb bot	35.00	42.00
SAFROL, drums	.31	.32
60 lb cans	.33	.34
Thymol, USP, 25 lb tins	3.75	4.00

### SYNTHETIC AROMATICS

Acetophenone, CP 1 lb bot	3.50	3.75
Aldehyde, C-8 (Octyl) 1 lb bot	45.00	60.00
C-9 (Nonyl), 1 lb bot	70.00	75.00
C-10 (Decyl), 1 lb bot	50.00	58.00
C-12 (Dodecyl), 1 lb bot	27.50	32.50
C-14, 1 lb bot	22.50	25.00
C-16, 1 lb bot	70.00	80.00

Aubepine, see Anisic Aldehyde

Amyl Acetate, pure 5 gal cans. gal	4.75	5.50
Butyrate, 1 lb bot	1.90	2.00
Cinnamate, 1 lb bot	4.00	4.50
Formate, 1 lb bot	1.75	2.00
Phenyl Acetate, 1 lb bot	4.50	5.00

SALICYLATE, dom. 100 lb		
chys	1.45	1.50
Imported	2.25	2.50
Valerate, 5 lb bot	2.75	3.00
Anisic Aldehyde, 1 lb bot	3.00	3.25
BENZALDEHYDE, USP, 40 lb chys	1.30	1.40
FFC, 40 lb chys	1.40	1.50
Imported, USP,	1.00	1.10

Benzolic Ether, See Ethyl Benzoate		
Benzophenone 1 lb bot	4.50	5.00
Benzyl Acetate, 100 lb chys	1.35	1.50
Alcohol, 5 lb bot	1.45	1.50
BENZOATE 5 lb bot	1.35	1.40
Medicinal FFC	1.45	1.60
Butyrate, C.P., 1 lb bot	6.00	6.50
Cinnamate 1 lb bot	9.75	10.00
Formate, 1 lb bot	3.25	3.50

## E. ATKINS & CO.

Alcohol Division

90 WALL STREET NEW YORK

## ALCOHOL

PURE and DENATURED  
in Tank Cars, Drums and Barrels

Distillery

PENNSYLVANIA SUGAR CO.  
Philadelphia, Pa.

Representatives

New York

DICKINSON, RENOUF & COMPANY, Inc.

Cleveland

HENRY L. GRUND  
416 Bulkley Bldg.

Philadelphia

BAKER & GAFFNEY  
1052 Drexel Building

## OILS ESSENTIAL OILS

and

## Aromatic Chemicals

Manufacturers  
Importers  
Exporters

Correspondence Solicited

## FRITZSCHE BROTHERS

Inc.

NEW YORK



Consistent, uniform quality, dependability, and the best that chemical knowledge has to offer, are a few of the virtues of MM&R products, not enjoyed by the ordinary grades.

For many years, we have specialized in Aromatic Chemicals of the better types. Complete information and advices as to their adaptability to your products is offered, covering the 22 MM&R Aromatics listed below:

AMYL SALICYLATE  
ANETHOL  
BENZYL ACETATE  
BENZYL ALCOHOL  
BENZYL BENZOATE  
BENZYL FORMATE  
BENZALDEHYDE USP  
BENZALDEHYDE F. F. C.  
CITRONELLOL  
EUGENOL MM&R  
INDOL C. P.

ISO-EUGENOL MM&R  
LINALYL ACETATE  
METHYL ANTHRANILATE  
METHYL PARACRESOL ETHER  
MUSK AMBRETTE  
MUSK XYLOL 100%  
MUSK KETONE  
NEROLINE CRYSTALS  
PHENYL ACETIC ALDEHYDE  
PHENYL ETHYL ALCOHOL  
THYMOL, C.P. CASTLE BRAND

## MAGNUS, MABEE & REYNARD, Inc.

AROMATIC CHEMICALS — ESSENTIAL OILS

Main Offices—32 Cliff Street, New York City, N. Y.

Representatives in Principal Cities

## THE CLEVELAND-CLIFFS IRON COMPANY CLEVELAND, OHIO

# METHYL ACETONE

### DISTRIBUTING WAREHOUSES

NEW YORK  
BOSTON  
BALTIMORE  
PHILADELPHIA  
PITTSBURGH

CLEVELAND  
DETROIT  
CINCINNATI  
LOUISVILLE  
MINNEAPOLIS

BURLINGTON  
CHICAGO  
ST. LOUIS  
KANSAS CITY  
LOS ANGELES

PLANTS Marquette and Antrim, Mich.

## Aromatic Chemicals

Benzyl Propionate, 1 lb bot. ....	5.00	5.25	iso-Safrol, 1 lb bot. imp. ....	3.75	4.00	Terpinyl Acetate 25 lb cans. ....	1.25	1.35
Bornyl Acetate, 1 lb bot. ....	3.25	3.50	Domestic, 5 lb bot. ....	3.50	3.75	Imported, 25 lb cans. ....	1.25	1.35
Bromostyrol, 25 lb cans. ....	3.75	4.25	Linalyl Acetate, 1 lb bot. ....	8.00	9.50	TENPENEOL, CP, 1000 lb drs. ....	.35	.37
... Autradiate, 1 lb bot. dom. ....	...	16.00	Benzoate, 1 lb bot. ....	13.00	14.00	Cans, 50 lb. ....	.39	.41
... Ether, See Ethyl Butyrate			Formate, 5 lb bot. ....	10.50	12.00	Absolute, 25 lb cans. ....	.50	.70
Cinnamic Acid, 5 lb cans. ....	2.90	3.25	Methyl Acetophenone. ....	3.75	4.00	Imported, 25 lb cans. ....	.40	.42
Alcohol, liquid 1 lb bot. ....	6.00	7.00	ANTHRANILATE dom. 1 lb bot. ....	2.50	3.25	VANILLIN, USP, 500 oz. cans. ....	...	.49%
Crystallizable. ....	7.00	8.00	Imported. ....	2.75	3.75	Cans, 16 oz., 80 oz. ....	.50	.51
Aldehyde. ....	3.00	3.25	Benzoate, 5 lb bot. import. ....	1.90	2.00	Second Hands. ....	.47	.50
cis-ROSENEOL, 1 lb bot. ....	7.50	9.00	Domestic, 5 lb bot. ....	1.75	2.00	Valerianic Ether, See Ethyl Valerate		
Imported 1 lb bot. ....	7.75	9.00	Cinnamate, 1 lb bot. ....	3.75	4.25	Yara Yara, 1 lb cans. ....	1.50	1.60
... Acetate, 1 lb bot. ....	13.00	14.00	Heptenone, 1 lb bot. ....	8.00	8.50	PERFUMERS' SUNDRIES		
COUMARIN, 25 lb cans. ....	3.10	3.25	Paracresol, 1 lb bot. ....	8.00	9.00	Almond Meal, 25 lb cans. ....	.24	.25
METHYL PHTHALATE, 25 lb cans. ....	.35	.38	Phenylacetate, 5 lb bot. dom. ....	3.75	4.00	Amber, liquid, 400 lb drs. ....	2.30	2.50
500 lb drs. ....	.50	.55	SALICYLATE, USP 500 lb			Ambergris, black, bxs. ....	8.00	10.00
... Acetate, pure, 5 lb bot. ....	.45	.50	drums. ....	...	.43	Ambergris, gray, bxs. ....	...	26.00
Benzoate, 5 lb bot. ....	1.75	1.90	50 lb cases. ....	...	.45	Balsam Copaiba, Para, 50 lb cases. ....	.54	.55
Butyrate, 5 lb bot. ....	1.90	2.10	Second Hands. ....	...	.42	South American, 80 lb cases. ....	.58	.60
Caproate, 1 lb bot. ....	3.35	3.50	Mirtane, rect., 1000 lb drums. ....	.12	.14	Peru, 120 lb cases. ....	1.80	1.90
Cinnamate, 1 lb bot. ....	3.50	3.75	Musk Ambrette, 1 lb cans. ....	10.00	10.50	Tolu, 90 lb cases. ....	1.40	1.50
Formate, 5 lb bot. ....	.90	1.25	Ketone, 1 lb cans. ....	11.50	12.00	Benzoin Gum, Siam, bxs. ....	1.30	1.35
Ethyl-methyl Paracresol, 1 lb bot. ....	3.25	3.50	Xylene, 5 lb cans. ....	3.25	3.50	Castoreum, 1 lb bot. ....	3.75	4.00
... Phenylacetate, 5 lb bot. ....	3.75	4.00	Nerolin, 1 lb cans. ....	1.50	1.60	Chalk, precip. light, 175 lb bbls. ....	.04%	.05
Propionate, 1 lb bot. ....	1.75	2.00	Oenanthe Ether, 1 lb bot. ....	1.75	2.00	Cherry Laurel Water, 5 gal cans. ....	1.15	1.25
Valerate, 5 lb bot. ....	...	3.75	Para-Cymene, Refd., 110 gal. drs. ....	3.25	2.50	Civet Abyssin horns. ....	2.10	2.25
Salicylate, 5 lb bot. ....	2.00	2.10	Phenylacetaldehyde, Dom.,			Labdanum, 5 lb bot. ....	7.50	8.00
Formic Ether. See Ethyl Formate			1 lb bot. 50 p.c. ....	8.00	8.50	Lanolin hydrous, 350 lb bbls. ....	.15	.21
Geranyl Acetate, 1 lb bot. ....	4.50	5.00	Imported, 50 p.c. ....	7.50	7.50	Anhydrous, 350 lb bbls. ....	.18	.23
Butyrate, 1 lb bot. ....	13.00	13.50	80-85 p.c. ....	14.00	16.00	Musk pods, Cabardine, tins. ....	16.00	17.00
Formate, 1 lb bot. ....	12.00	12.50	Phenylacetic Acid, 1 lb bot. ....	3.00	3.25	Tonquin, tins. ....	22.00	25.00
Heliotropin, dom., 100-10 lb. ....	1.85	2.00	Phenyl Diacetate, 1 oz. bot. ....	3.25	3.50	Grains, Cabardine, tins. ....	25.00	26.00
Imported. ....	2.00	2.25	1 lb bot. ....	8.00	10.00	Tonquin, tins. ....	34.00	35.00
hydroxycitronellal, 1 lb bot. ....	12.00	14.00	Imported. ....	7.00	7.75	Synthetic, See Aromatic Chemicals		
Indol, CP, 1 oz. bot. ....	6.00	6.50	Phenylethyl Alcohol, 1 lb bot. ....	6.00	7.00	Orris Rt, Flor., powd bbls. ....	.12	.13
Iosone, 1 lb bot. 100% ....	10.00	11.00	Phenylethyl Butyrate, 1 lb bot. ....	26.00	28.00	Verona, powd bbls. ....	.10	.11
Alpha. ....	14.50	16.00	Formate, 1 lb bot. ....	19.00	21.00	Petrolatum, snow white 350 lb bbls. ....	.13%	.14
Beta. ....	12.75	14.50	Propionate, 1 lb bot. ....	20.00	24.00	Light Amber, 350 lb bbls. ....	.04%	.05%
Methyl. ....	16.00	18.00	Valerate, 1 lb bot. ....	25.00	29.00	Elce Starch, 140 lb bgs. ....	.09	.10
iso-Butyl Benzoate, 5 lb bot. ....	4.75	5.00	Phenylpropylalcohol, 1 lb bot. ....	15.00	16.00	Rose Water, 6-8 gal chys. ....	1.00	1.35
			Skatol, 1 oz. bot. ....	7.00	7.25	Sandalwood chips, powd., bgs. ....	.30	.35



**PHENYL  
ACETIC ACID**



**Diethyl Phthalate  
Methyl Acetophenone  
Cinnamic Acid  
Geraniol  
True Fruit Flavors  
Terpeneless Oils  
Perfumers'  
Raw Materials**

**The FRIES & FRIES Co.**

1501-13 W. 6th St.  
Cincinnati, O.

242 Pearl St.  
New York

**RAAB'S**

**AROMATIC CHEMICALS  
SYNTHETIC PERFUMES  
FLOWER OILS**  
For Manufacturers of  
**SOAPS, PERFUMES, COSMETICS, Etc.**  
Exclusive Agents for America  
**MAGNUS, MABEE & REYNARD, Inc.**  
32 Cliff Street, New York

Pure U. S. P. Cologne Spirits

**ALCOHOL**

Also Denatured in All Formulæ

**Spot Stocks Carried  
in 10 Large Cities**

**Guaranteed Prompt Deliveries**

*The Federal Products Co.*  
INCORPORATED

**CINCINNATI, OHIO, U. S. A.**

# Imports of Chemicals, Dyestuffs, Drugs, etc.

Imports at New York, July 25 to August 1

**ACIDS**—Boric, 200 bgs., Pacific Coast Borax Co., Leghorn; **Citric**, 300 bgs., Superfos Co., Genoa; **Lactic**, 15 brls., Intern Acceptance Bank, Hamburg; **Stearic**, 203 bgs., Lunham & Reeve, Rotterdam; **Tartaric**, 106 cks., W Benkert & Co., Rotterdam  
**ALBUMEN**—56 cs., French Kremer & Co., Tientsin; **Blood**, 10 cks., Amer Exch Nat Bank, Hamburg; **Dried Egg**, 55 cs., B. C. Ritchie, Hankow  
**ALCOHOL**—Isopropyl, 5 drs., Sherlow Chem Co., London  
**AMMONIUM CARBONATE**—10 brls., Brown Bros. & Co., Liverpool; **Nitrate**, 535 cks., Kuttroff Pickhardt Co., Hamburg  
**ANTIMONY**—250 cs., F. A. Cundill & Co., Shanghai; 250 cs., Union Bank of Canada; **Regulus**, 500 cs., Gitlan & Co., Shanghai; 250 cs., Wah Chang Trdg Co., Shanghai  
**BARIIUM-CHLORIDE**, 68 cks., Th Goedschmidt Corp., Rotterdam  
**BARKS**—9 brls., Order, Trieste  
**BARYTES**—52 cks., Order, Bremen; 50 cks., Toch Bros., Glasgow; 3,000,000 kilos, Ore & Chem Corp., Rotterdam; 100 brls., Order, Genoa  
**BLEACHING POWDER**—81 brls., W. Jancke, Naples  
**CAMPHOR**—Synthetic, 330 cs., Schering & Glatz, Hamburg  
**CASEIN**—584 bgs., Nat City Bank, Buenos Aires; 133 bgs., Amer Machine & Foundry Co., Bordeaux; 66 bgs., Order, Bordeaux  
**CHALK**—500,000 kilos, Amer Exch Nat Bank, Dunkirk; 30 bgs., S. B. Penick & Co., London; 250 bgs., Chatham & Phenix Nat Bank, Antwerp; 600 pgs., H. J. Baker & Bro., Bristol  
**CHEMICALS**—25 brls., Order, Bremen; 550 cs., W. Van Doorn, Rotterdam; 17 cs., 26 pgs., Order, Rotterdam; 280 bgs., Amer Exch Nat Bank, Glasgow; 2 cs., Jungmann & Co.

Hamburg; 22 cks., Fezandie & Sperrle, Hamburg; 6 cs., Order, Hamburg; 2 brls., Order, Genoa; **Products**, 19 cks., 2 cs., Grasselli Dyestuff Corp., Rotterdam  
**CHROMIUM OXIDE**—20 kegs, Order, Glasgow  
**CINCHONIDINE**—60 cs., R. W. Greeff & Co., Rotterdam  
**CLAY**—China, 1,119 tons, 14 cwt., J. W. Higman & Co., Fowey; 20 tons, L. A. Salomon & Bros., Fowey  
**COAL TAR DISTILLATE**—5 drs., Monsanto Chem Works, Liverpool; 81 drs., Order, Liverpool; **Products**, 4 cks., Kuttroff Pickhardt & Co., Hamburg; 14 cans, 5 cks., Grasselli Dyestuff Corp., Hamburg  
**CALCIUM SILICATE**—62 cks., De Courcy Browne, Havre  
**COLORS**—2 cs., 33 cks., Kuttroff Pickhardt & Co., Rotterdam; 6 cks., 16 cs., Grasselli Dyestuff Corp., Rotterdam; 4 cks., Wetterwald & Co., Havre; 3 cs., R. F. Downing & Co., Hamburg; 2 cs., Empire Trust Co., Hamburg; 5 drs., E. Ritter, Hamburg; 16 pgs., Order, Hamburg; 12 brls., L. R. Organic Prod. Co., Genoa; **Bronze Powder**, 10 cs., Hensel Bruckmann & Lorbacher, Bremen; 4 cs., L. Uhlfelder, Bremen; 10 cs., Gallagher & Ascher, Hamburg; **Coal Tar**, 36 cks., General Dyestuff Corp., Rotterdam; 3 cks., Kuttroff Pickhardt & Co., Hamburg; **Earth**, 10 cks., J. Lee Smith & Co., Rotterdam  
**CUBERS**—35 bgs., Goldman Sachs & Co., Singapore  
**CUTTLEFISH BONE**—46 bdls., Order, Bordeaux; 57 cs., Order, Genoa  
**EARTH**—75 brls., E. E. Marks & Co., Leghorn; **Infusorial**, 478 bgs., Orelite Co., Oran; 4,537 bgs., Order, Oran; **Red**, 345 bgs., G. Z. Collins & Co., Bristol  
**ETHER SEBACIC**—2 cs., G. Lueders & Co.,

Hamburg  
**EXTRACTS**—Archil Liquor, 5 cks., W. A. Ross & Bro., Liverpool; **Mangrove Bark**, 500 bgs., Order, Singapore  
**FLOWERS**—Chrysanthemum, 52 bls., A. Joenson & Co., Trieste; **Lavender**, 2 bgs., Order, Barcelona  
**FORMALDEHYDE**—Hydrosulfite, 60 drs., E. Ritter, Hamburg  
**FULLERS EARTH**—250 bgs., L. A. Salomon & Bro., Bristol  
**GALLNUTS**—100 cs., E. E. Androvette, Hongkong  
**GAMBER**—250 cs., 400 bgs., Order, Singapore  
**GELATINE**—100 cks., J. H. Schroeder Banking Corp., Bremen; 6 cs., Amer Exp Co., Bremen; 108 bgs., 13 brls., H. A. Sinclair, Rotterdam  
**GLUE**—75 bgs., Harrington Glue Co., Liverpool; 15 cks P. Puttmann Inc., Bordeaux; 322 bls., Order, Marseilles  
**GLYCERIN**—10 drs., Marx & Rawolle, St. Nazaire; 40 drs., Core & Herbert St. Nazaire; 1 drum, Order, St. Nazaire; 110 cks., Marx & Rawolle, Marseilles; 1 drum, Order, Genoa  
**GUMS**—240 bgs., Davies Turner & Co., Marseilles; 4 bgs., Gullabi Gulbenkian & Co., Marseilles; 2 cs., Rutger Biecker Co., Singapore; **Chicle**, 287 bgs., Chicle Dev Co., Belize; 330 bls., A. Ward, Belize; **Copal**, 238 bgs., Baring Bros. & Co., Singapore; 140 bgs., Brown Bros & Co., Singapore; 158 bgs., L. C. Gillespie & Sons, Singapore; 140 bgs., Baring Bros. & Co., Singapore; 350 bgs., Order, Singapore; 456 bkts., Gravenhorst & Co., Macassar; 177 bgs., Equit Trust Co., Macassar; 72 bkts., 59 bgs., Kidder Peabody, Macassar; 135 bkts., Irving Bank, Macassar; 487 bkts., Innes & Co., Macassar; 133 bkts., France Campbell & Darling, Macassar; 27 bkts., M. L. Van

GEORGE UHE

## BROKERS

NEW YORK

Chemical Works "Naarden" Ltd.

SYNTHETIC MENTHOL

NAARDEN (Holland)

Cable Address: CHEMISCHE-BUSSUM

P. B. 2 Bussum (Holland)

# PHENOL

Congealing Point 40°C Minimum

ICE CRYSTALS  
U. S. P.

New York Stocks

Phone  
VANDERBILT 0500

## WM. S. GRAY & CO.

342 Madison Avenue

New York City



Norcan, Macassar; 264 bbls., Paterson & Knapp, Macassar; 154 bbls., S. Winterbourne & Co., Macassar; 100 bgs., Baring Bros. & Co., Singapore; 192 bgs., Order, Singapore; Damar, 140 bgs., Brown Bros. & Co., Singapore; 100 cs., Bank of Manhattan Co., Batavia; 200 cs., Amer Exch Nat Bank, Batavia; 100 cs., Anglo So. Amer Trust Co., Batavia; 300 cs., H. E. Voegel, Batavia; 64 bgs., Capital Nat Bank, Singapore; 205 cs., Standard Bank of So Africa, Singapore; 50 cs., L. C. Gillespie & Sons, Singapore; 100 cs., Bank of Manhattan Co., Batavia; 200 cs., Order, Batavia; 512 bgs., Baring Bros. & Co., Batavia; 200 cs., 320 bgs., Order, Singapore; Sandrac, 2 bbls., S. B. Perick & Co., Hamburg; Tragacanth, 4 cs., F. Vliet Co., Hamburg; 5 cs., French Kremer Co., London; 6 cs., Brown Bros. & Co., London; 116 cs., Thurston & Braidich, London; 45 bgs., Bank of Montreal, London; 35 cs., Order, London; Vegetable, 15 cks., G. W. Sheldon & Co., Hamburg; Yacca, 490 bgs., Baring Bros. & Co., Adelaide; 230 bgs., Brown Bros. & Co., Adelaide.

**HERES**—5 bbls., Peck & Velsor, Hamburg.

**HOPS**—600 bbls., Mech & Metals Nat Bank, Trieste; 5 bbls., Nat City Bank, Trieste.

**IODINE**—308 kgs., 35 bbls., Nash Watjen & Bangs, Antofagasta; 230 bbls., Nash Watjen & Bangs, Iquique.

**IRON OXIDE**—55 cks., E. M. & F. Waldo, Liverpool; 37 cks., J. A. McNulty, Liverpool; 20 cks., Reichard Coulston, Liverpool; 20 cks., L. H. Butcher & Co., Liverpool; 178 bbls., Reichard Coulston, Malaga; 503 bbls., C. J. Osborn & Co., Malaga; 114 bbls., W. Schall & Co., Malaga; 244 bbls., J. L. Smith & Co., Malaga.

**JUICE**—Lemon, 80 cks., Order, Genoa; 40 cks., C. Pfizer & Co., Genoa; 604 cs., J. Munroe & Co., Messina.

**LEAVES**—77 bbls., Order, Marseilles; 4 bgs., Order, Alexandria; Buchu, 7 lbs., Allaire Woodward, Capetown; 19 lbs., S. B. Penick & Co., Capetown; 7 bbls., Africa Amer Import Co., Capetown; 5 bbls., First Nat Bank, Minn. Capetown; Hebanne, 6 bgs., Order, Hamburg; Laurel, 200 bbls., Order, Leghorn; Patchouli, 42 bbls., D. L. Silverman, Penang; Sage, 75 bbls., Order, Trieste.

**LICNALLYACETATE**—1 csc., G. Lueders & Co., Hamburg.

**LICORICE**—40 cs., British Amer Tobacco Co., Marseilles; Peste, 500 cs., H. Utard, Smyrna.

**LIME**—Chlorinated, 109 drs., E. Suter & Co., Antwerp.

**LITHOPONE**—1,500 cks., Benjamin Moore & Co., Rotterdam.

**MAGNESIA**—Citrate, 40 bgs., 5 cs., Superfos Co., Genoa; 10 bgs., Order, Genoa.

**MAGNESITE**—797 bgs., Schenkers Inc., Trieste.

**MAGNESIUM**—Chloride, 186 drs., Mfrs., Trust Co., Hamburg; 548 drs., Innis Speiden & Co., Hamburg.

**MEDICINALS**—5 cs., Alps Drug Co., Genoa.

**MYROBALANS**—7,700 pkts., Order, Calcutta.

**OCYRE**—372 cks., Grace Nat Bank, Marseilles; 100 cks., J. L. Smith & Co., Marseilles; 68 cks., L. H. Butcher & Co., Marseilles; 295 cks., Grace Nat Bank, Marseilles; 69 cs., F. B. Vandegrift & Co., Marseilles.

**OILS**—Coconut, 880 tons, Philippine Ref Co., Manila; 648 tons, Spencer Kellogg & Sons, Manila; Codliver, 15 bbls., Davis & Lawrence Co., Rotterdam; 125 bbls., Norwich Pharm Co., Rotterdam; Fusel, 2 drs., Nat Remedy Co., Antwerp; Olive, 25 cs., G. Rossano & Bro., Genoa; 200 cs., Ettore Penna, Genoa; 150 cs., J. Petrocchi & Co., Genoa; 105 cs., Scalfani Bros., Palermo; 100 cs., J. Personeni Inc., Genoa; 150 cs., Mantano Co., Palermo; 100 cs., F. Romeo & Co., Palermo; 231 cs., Oceano Shpg Co., Palermo; 102 cs., J. Maresca Bros., Naples; 150 cs., N. Battista & Co., Bari; 75 cs., Austin Nichols & Co., Bari; 65 cs., Lazard Freres, Malaga; 100 cs., S. Galle & Co., Genoa; 450 cs., P. Pastene & Co., Genoa; Olive Oil Foots, 300 bbls., E. M. Sergeant Co., Catania; 200 bbls., Ionian Bank, Piraeus; 300 bbls., Phila Nat Bank, Naples; 200 bbls., Phila Nat Bank, Palermo; 100 bbls., Webst & Atlas Nat Bank Boston, Catania; 100 bbls., Order, Catania; 200 bbls., Grace Nat Bank, Bari; 200 bbls., Banca Comm Trust Co., Bari; 300 bbls., Leghorn Trdg Co., Bari; 150 bbls., W. R. Grace & Co., Bari; Palm, 78 cks., African & Eastern Trdg Co., Liverpool; 24 cks., African & Eastern Trdg Co., Liverpool; 61 cks., Guar-

anty Trust Co., Liverpool; 66 cks., 84 cts., Order, Liverpool; Soya Bean, 25 bbls., Order, Copenhagen; Spermin Whale, 100 bbls., Bankers Trust Co., Glasgow; 50 bbls., Baring Bros. & Co., Glasgow; Wood, 150 bbls., Order, Hankow; 2 drs., Order, Hongkong.

**OILS ESSENTIAL**—55 bbs., Wangler Budd, Messina; 7 cs., R. Bertrand Fils, Southampton; 8 cs., J. H. Faunce Inc., Southampton; 205 cs., Order, Copenhagen; 24 cs., Fritzsche Bros., Hamburg; 3 cs., G. Lueders & Co., Catania 2 cs., J. B. Horner Co., Catania; 51 cs., Leghorn Trdg Co., Catania; 12 cs., E. Choppy, Beirut; 5 cs., A. Chiris & Co., Havre; 3 cs., Morana Inc., Havre; Amilico, 18 bbls., Order, Trieste; Anise, 5 drs., A. A. Stilwell & Co., Hongkong; 10 drs., Goldman Sachs & Co., Hongkong; 5 cs., Order, Hongkong; Bergamot, 104 bbs., G. Lueders & Co., Messina; 10 cs., Belgium Trdg Co., Messina; Caraway, 5 cs., Order, Hamburg; Cassia, 5 drs., Goldman Sachs & Co., Hongkong; 5 drs., Goldman Sachs & Co., Hongkong; Celery, 1 csc., E. G. Lueders & Co., Hamburg; Cinnamon, 2 drs., Order, Colombo; Citronella, 35 drs., Order, Colombo; Geranium, 15 cs., Bank of N. Y. Algeria; 3 drs., G. Lueders & Co., Algeria; 9 drs., Order, Algeria; Lemon, 100 cs., J. B. Jekelheimer & Co., Messina; Lime, 1 drum, Horner Co., Messina; 200 cs., Heidelberg G. Lueders & Co., London; Orange, 150 cs., Order, Genoa; 50 cs., J. B. Horner Co., Messina; 50 bbs., Order, Messina; 25 cs., Heidelberg Jekelheimer & Co., Messina; Peppermint, 1 csc., Order, London; Petit Grain, 13 cs., Crawford Hammond & Co., Buenos Aires; 25 cs., Equit Trust Co., Buenos Aires; Pimento, 2 cs., G. Lueders & Co., Hamburg.

**OPIUM**—10 cs., Order, Constantinople.

**PLUMBAGO**—175 bbls., 1,333 bgs., Order, Colombo.

**POTASSIUM SALTS**—Caustic, 220 drs., Innis Speiden Co., Hamburg.

**POTATO STARCH**—250 bbls., Order, Rotterdam.

**PUMICE STONE**—Lump, 3,434 bgs., R. J. Waddell & Co., Canneto, Lipari; 100 bgs., Order, Canneto, Lipari; Powder, 604 bgs., R. J. Waddell & Co., Canneto, Lipari; 1,329 bgs., Whittaker Clark & Daniels, Canneto, Lipari; 782 bgs., Gallagher & Ascher, Canneto, Lipari; 518 bgs., C. B. Chrystal Co., Canneto, Lipari.

**QUININE**—115 cs., R. W. Greeff & Co., Rotterdam.

**ROOTS**—11 bbls., Eli Lilly Co., Marseilles; 195 lbs., Order, Marseilles; Broom, 27 bbls., H. Triest & Co., Vera Cruz; 357 bbls., Order, Vera Cruz; Canagria, 13 bgs., Peck & Velsor, Vera Cruz; 319 bgs., Order, Vera Cruz; Jalapa, 1 bag, H. Triest Co., Vera Cruz; Orris, 40 bgs., Order, Leghorn.

**ROSIN**—8 cks., A. Hurst & Co., Bordeaux; 427 cks., Order, Bordeaux.

**SACCHARIN**—12 cs., G. Lueders & Co., Hamburg.

**SALT**—74 cs., H. F. Ritchie & Co., Liverpool.

**SEAGRASS**—200 bbls., King & Walters, Hongkong.

**SEEDS**—Anise, 5 bgs., Irving Bank, Malaga; Canary, 497 bgs., G. W. Sheldon & Co., Buenos Aires; 241 bgs., Otto Gerdan Co., Buenos Aires; 1,323 bgs., Order, Buenos Aires; 804 bgs., Crawford Hammond & Co., Buenos Aires; 385 bgs., Levy & Lew's, Buenos Aires; 406 bgs., Fidelity Intern Trust Co., Buenos Aires; 289 bgs., W. Schall & Co., Buenos Aires; 200 bgs., Order, Buenos Aires; 150 bgs., Equit Trust Co., Malaga; Caraway, 300 bgs., R. J. Ireland Jr. & Co., Rotterdam; 100 bgs., Catz Amer Co., Rotterdam; Cumlin, 150 bgs., Tappenbeck, Larnaca; 10 bgs., Munson S. S. Line Malaga; Flax, 26,366 bgs., 3,309,361 kilos, Order, Buenos Aires; Mustard, 50 bbls., Archibald & Lewis, Rotterdam; 612 bgs., Brown Bros. & Co., Shanghai; Quince, 2 bbs., Order, Barcelona.

**SIGNETTE SALTS**—15 cks., A. J. Marcus & Co., Hamburg.

**SHELLAC**—47 cs., C. Gerlach, Rotterdam; 250 bgs., Marx & Rawelle, Calcutta; 2,108 bgs., Order, Calcutta; Button Lac, 25 cs., N. Y. Trust Co., Calcutta; Garnet, Lac, 60 cs., Order, Hamburg; Seed, Lac, 2,053 bgs., Order, Marseilles.

**SILVER SULFIDES**—87 cs., Watson Geach & Co., Antofagasta.

**SOAP**—30 cs., Cann & Co., St. Nazaire; 500 cs., J. P. Smith & Co., Marseilles; 1,000 bbs., J. D. Nordlinger Inc., Leghorn; 1,000 bbs., Leghorn Trdg Co., Leghorn; 1,000 bbs., C. L. Huisking, Leghorn.

**SODIUM SALTS**—Fluosilicate, 100 cks., H. Sundheimer, Inc., Rotterdam; Nitrate, 6,622 bgs., Wessei Duval & Co., Antofagasta; 6,643 bgs., Wessei Duval & Co., Iquique; 6,642 bgs., Anglo So Amer Trust Co., Iquique; 49,708 bgs., E. I. Du Pont de Nemours & Co., Tocopilla; Sulfite, 50 drs., R. F. Downing & Co., Bristol; Sulphhydrate, 153 drs., C. S. Grant & Co., Rotterdam.

**SPICES**—Cassia, 300 cs., Anglo So Amer. Trust Co., Hongkong; 200 bbls., Citizens Nat Bank Los Angeles, Hongkong; 200 cs., McCormick & Co., Hongkong; 400 cs., 25 bbls., Citizens Nat Bank Los Angeles, Hongkong; 300 cs., Bankers Trust Co., Hongkong; 300 cs., Frank Tea & Spice Co., Hongkong; 600 cs., Van Loan & Co., Hongkong; 211 cs., Order, Hongkong; 9 bbls., Order, Canton; Cinnamon, 100 bbls., Fidelity Intern Trust Co., Colombo; 100 bbls., Order, Colombo; Ginger, 3 bgs., J. E. Kerr & Co., Montego Bay; 25 bgs., Park Benziger & Co., Montego Bay; 42 bgs., Colonial Bank, Black River.

**STROMIUM NITRATE**—126 cks., Hummel & Robinson, Rotterdam.

## IMPORTS AT PHILADELPHIA

July 30 to Aug. 5

**BAUXITE**—2,578 tons, Republic Min & Mfg Co., Georgetown.

**CHINA CLAY**—10,677,300 lbs., Various Consignees, Fowey; 97,600 lbs., Various Consignees, Fowey.

**COPRA**—200 pkgs., Nat Bk of Commerce, Colombo; 100 pkgs., Order, Colombo.

**FLUOR SPAR**—1,179,345 lbs., Std Bk of So. Amer., Delagoa Bay.

**GUM**—50 cs., Order, Trieste.

**MAGNESITE**—36,322 bgs., Harbison, Walker, Ref Co., Trieste.

**MYROBALANS**—1,940 pkts., Order, Calcutta.

**PYRITES**—7,328 tons, The Pyrites Co., Huei-ya.

## IMPORTS AT BALTIMORE

July 30 to Aug. 6

**ARSENIC MEAL**—106 drums, 59,400 lbs., F. H. Shallus Co., Taibu Maru, Hamburg.

**CHEMICALS**—30 drums, 2,785 lbs., Baltimore & Ohio railroad, Taibu Maru, Hamburg.

**MANGANESE ORE**—7,400 tons, United States Steel Products Co., San Francisco, Rio de Janeiro.

**NIROGENOUS MATERIAL**—1,250 bags, 220,000 lbs., F. H. Shallus Co., Taibu Maru, Hamburg.

**PINE KERNELS**—1 bag, 220 lbs., William H. Masson, Legie, Hamburg.

**POTASH, Caustic**—101 drums, 57,064 lbs., F. H. Shallus Co., Taibu Maru, Hamburg; 66 drums, 58,599 lbs., Superfos Co., Inc., Taibu Maru, Hamburg.

**POTASH—Kainit**, 101,563 lbs., F. H. Shallus Co., Legie, Hamburg; Manure Salt, 199,591 lbs., Potash Importing Corp., Legie, Hamburg; 301,541 lbs., F. H. Shallus Co., Legie, Hamburg.

**RAPE SEED**, 10 bags, 220 lbs., William H. Masson, Legie, Hamburg.

**SODA, NITRATE OF**, 10,007 bags, Anthony Gibbs, Maine, Iquique; 16,569 bags, Anthony Gibbs, Maine, Caleta Buena; 16,320 bags, Anthony Gibbs, Maine, Caleta Buena; 32,983 bags, Anthony Gibbs, Maine, Junin; 9,917 bags, Anthony Gibbs, Caleta Buena.

**TAPIOCA FLOUR**, 237 bags, William H. Masson, Steel Navigator, Singapore; 575 bags, Samuel Shapiro, Steel Navigator, Singapore.

**WOOL GREASE**—100 bbls., Kidder Peabody Acceptance Corporation, Legie, Hamburg.

## IMPORTS AT BOSTON

August 1 to 8

**AMMONIUM PHOSPHATE**—20 casks, Order, Antwerp.

**CHALK**—220 bags, Columbia Trust Co., Antwerp.

**CHEMICALS**—32 casks, I. M. Sobin, Rotterdam; 1 drum, I. M. Sobin, Rotterdam; 44 casks, Order, Rotterdam; 50 casks, Roessler & Hasselacher Chem Co., Rotterdam; 25 bbls., Order, Rotterdam.

**GLUE**—100 bags, American Express Co., Liverpool; 9 bags, Order, Antwerp.

**OIL**—Cod, 4 bbls., C. W. Geller, Yarmouth; Cod Liver, 19 bbls., George Tarr & Co., St. Johns.

## CRESYLIC ACID

ALL  
GRADES

Benzol, Toluol, Solvent Naphtha  
Coal Tar Products, Disinfectants.

Selling Agents for  
ACETATES

## IODIDES

Potassium, Ammonium and Sodium  
Manufactured by

Witbeck Chemical Corporation

Wm. E. Jordan & Brother

13 Cliff St. New York Beekman 1758  
Works: Matawan, N. J.

# WRACKMEYER & CO.

## FINE CHEMICALS

Bromides Sulfo-Guaiacولات

Benzoates Alkaloids

HAMBURG

GERMANY

## WAXES

BEES-, CARNAUBA-, MONTAN-,  
OZOKERITE-, CERESIN-WAX  
Crude — Refined — Bleached

Sole U. S. A. Agents:

Schlickum Werke, A.-G., Hamburg  
Deutsche Wachswerke, G. m. b. H., Hamburg  
Deutsche Wachs-Raffinerie A.-G., Hamburg

BERGSTROM, STOEVE & CO., Inc.  
233 BROADWAY NEW YORK CITY

# A.S. CARLTON RAW MATERIALS

Azo ZZZ

Zinc Oxide

27 HAYMARKET SQUARE  
BOSTON, MASS.



## "ARKSAFE"

(Trade mark in red across the top)

Elastic Paper Linings for  
barrels and bags.

Made from No. 1 paper in  
the proper basis weight, con-  
taining a uniform stretch of  
33 1/3%.

Insure your shipments the  
"ARKSAFE" way.

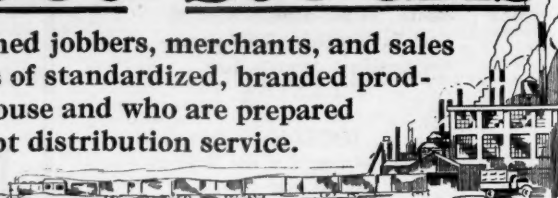
Send for samples.

**ARKELL**  
**SAFETY BAG COMPANY**  
120 Broadway, New York City



# Local Spot Stocks

A selected list of established jobbers, merchants, and sales agents who carry stocks of standardized, branded products in local warehouse and who are prepared to render prompt distribution service.



## Illinois



STANDARD CHEMICALS  
FOR ALL PURPOSES

**MERCHANTS  
CHEMICAL CO., Inc.**

1314-16 S. Canal St., Chicago, Ill.

Sales Offices and Warehouses  
MILWAUKEE MINNEAPOLIS  
INDIANAPOLIS ST. LOUIS

Middlewestern Sales Agents For  
MICHIGAN ALKALI CO'S  
SALES DEPARTMENT

**WISHNICK-TUMPEER  
CHEMICAL COMPANY**

**MAGNESIUM  
CARBONATE**

Stocks At



Chicago



Cleveland



Brooklyn

See our Exhibit in the Tenth Ex-  
position of Chemical Industries,  
Grand Central Palace, New York,  
Sept. 28 to Oct. 3rd, 1925.

**Infusorial Earth**

INDUSTRIAL CHEMICALS

**A. DAIGGER & COMPANY**

54 W. KINZIE ST., CHICAGO

**A. C. DRURY & CO.**

106 E. AUSTIN AVE., CHICAGO, ILL.

Phone Central 2348 and 2349

Western Headquarters On  
Kaoilin—Italian Talc—Orokerite Wax  
Zinc Stearate—Zinc Oxide—Filter Paper  
Stearic Acid—Rice Starch—Waxes  
Gums, Etc.

## Illinois (Cont.)

**DEPENDABLE SERVICE**

**Benner Chemical Company**

208 South La Salle Street, Chicago, Ill.

Soda Ash, Caustic Soda, Neutral  
Soda, Washing Soda, Cleaner and  
Cleanser, Bicarbonate of Soda,  
Tri Sodium Phosphate, Oxalic  
Acid.

Address All Communications to Main Office

## Indiana

**MATHIESON**

Liquid Chlorine—Caustic Soda—Soda Ash  
Bleaching Powder—Anhydrous Ammonia  
Modified Virginia Soda—Bicarbonate of Soda.

Aqua Ammonia  
Brimstone  
Sulphur  
Saltpetre (Potassium  
Nitrate)  
Sodium Nitrate  
Potassium Chloride  
Amyl Acetate  
Butyl Acetate

Ethyl Acetate  
Butyl Alcohol  
Refined Fusel Oils  
Ether  
Alum (Aluminum  
Sulphate)  
Turpentine  
Rosin "F"

**The ULRICH CHEMICAL CO.**

606 OCCIDENTAL BUILDING  
INDIANAPOLIS

Main 6879—Lincoln 6879

Western Sales Agents for  
**ACETATES**

Amyl Ethyl Butyl

**IODIDES**

Potassium Sodium Ammonium

Manufactured by  
**Witbeck Chemical Corp'n**

ALBANY NEW YORK

## Massachusetts

**MATHIESON**

Liquid Chlorine—Caustic Soda—Soda Ash  
Bleaching Powder—Anhydrous Ammonia  
Modified Virginia Soda—Bicarbonate of Soda

Zinc Dust—Tri Sodium—Irish Moss  
Albumen—Epsom—Lithopone  
LEONARD W.

**CRONKHITE  
INCORPORATED**

495 Congress St., Boston. Cmg. 6686

## Massachusetts (Cont.)

**ROGERS & MCCLELLAN**

Industrial Chemicals  
136 FEDERAL ST. BOSTON

New England Agents for—  
Jefferson Distil. & Denaturing Co.

**Denatured Alcohol**

Seaboard Chemical Co.

**Methanol**

**Methyl Acetone**

Penn. Chemical Works

**Lye**

Atlantic Carbonic Co.

**Glauber Salts**

Franco-American Chemical Works

**Amyl Acetate**

**Butyl Acetate**

Eastern Agents for—  
Battelle & Renwick

**Sulphur**

**Salt Petre**

**E. & F. KING & CO.**

Estab. 1834 Inc. 1904

399-409 ATLANTIC AVE., BOSTON

New England Distributors

**WYANDOTTE**

**MODIFIED SODAS**

SODA ASH, CAUSTIC SODA, CAR  
BONIC SODA, SAL SODA AND  
BICARBONATE SODA

Importers of and Dealers in

**INDUSTRIAL  
CHEMICALS**

**SHELLAC**

Gum and Varnish

**HOWE & FRENCH**

Established 1834

99 Broad St., Boston, Mass.

**DOE & INGALLS, INC.**

100 MILK STREET  
BOSTON

Congress 7031

Industrial Chemicals  
for Manufacturers



# Local Spot Stocks

## Missouri

### G.S. ROBINS & CO.

"Chemicals With Service"

513 S. 2ND ST., ST. LOUIS

Litharge — Soapstone — Flake Alumina —  
Whiting — Lithopone — Pine Tar —  
Solvents and Sulphur  
For The Rubbermaker  
Distributors for

## MATHIESON

Liquid Chlorine-Caustic Soda-Soda Ash  
Bleaching Powder-Anhydrous Ammonia  
Modified Virginia Soda-Bicarbonate of Soda

## Ohio

### The Chemical Utilities Co.

#### Industrial Chemicals

Acetic Acid      Muriatic Acid  
Battery Acid    Sulphuric Acid  
Silicate of Soda   Alkalies

#### Denatured Alcohol

Cincinnati    1515-17 W. 6th St.

## Pennsylvania (Con't.)

### CHEMICALS FOR ALL INDUSTRIES

ALKALIES, ACIDS  
DYE COLORS, STARCHES  
SOLVAY CAUSTIC SODA  
SOLVAY SODA ASH  
PROSPERITY MODIFIED SODA

GEORGE S. COYNE  
CHEMICAL CO., Inc.

114 Walnut St.      Philadelphia

## Pennsylvania

### Flavors—Food Colors

#### Essential Oils

### Millard-Heath Co.

216 Pine Street - - St. Louis, Mo.

### Chemicals and Oils

FOR  
TEXTILE  
LEATHER  
PAPER  
RUBBER  
PAINT, ETC.

### ALEX. C. FERGUSON, JR.

450 Chestnut Street, Philadelphia  
Est. 1892      Lombard 3210-3211

### SODA ASH CAUSTIC SODA

Tri Sodium Phosphate  
Complete Warehouse Stocks  
CLEANSING SODAS—ALKALIES

SODIUM { BI-CARBONATE  
          SILICATE  
          NITRATE  
          Etc., Etc.

Authorized Distributors for Diamond  
Alkali Co. and Victor Chemical Works

### Rodgers Chemical Co., Inc.

412 Fitzsimons Bldg., Pittsburgh  
For Interested Service—Call COURT 1199

**BASIC FACTORS**  
Liquid Chlorine - Copperas - Bleach  
Filter Alum - Hydrated Lime Hypochlorite  
for the waterworks  
**THOMPSON, HAYWARD**  
**CHEMICAL CO.**

Stocks at  
Kansas City      St. Louis  
2932 Fairmount Ave.,      305 Arsenal St.

## Rhode Island

**G E O R G E**  
**M A N N**  
and CO., INC.

Providence, Rhode Island

SODA ASH  
CAUSTIC SODA  
SODIUM SULFIDE  
CALCIUM CHLORIDE  
AMMONIA  
STEARIC ACID

## New York

Headquarters in Western New York  
**Industrial Chemicals**  
**Alcohols      Naval Stores**  
**Pigments      Misc. Oils**  
**ROLLS CHEMICAL CO.**  
**ELLICOTT SQ. BLDG., BUFFALO**

**PIERCE & STEVENS, INC.**  
**Alcohols Chemicals Solvents**

SINCE  1884

710 OHIO STREET  
BUFFALO, N.Y.

**CONSUMERS CHEMICAL CO.**  
Drexel Building, Philadelphia

ASH  
CAUSTIC  
TEXTILE  
LAUNDRY  
SPEC. ALKALI  
BICARBONATE

## SODA

Immediate Truck Deliveries

**Y**OUR card here  
stamps you as head-  
quarters in your terri-  
tory—

One inch \$30, three months  
Two inches, \$50, three  
months  
Three inches, \$75, three  
months

Sold on the yearly order.

## Texas

**SULPHURIC ACID**  
**CHEMICALS**  
CARLOTS—CONTRACTS—LESS CARLOTS

WAREHOUSE STOCK AT—DALLAS  
HOUSTON-TULSA-WICHITA-FALLS-SANANTONIO  
CORPUS CHRISTI-SHREVEPORT-LITTLE ROCK

HOUSTON  
632  
BANKERS  
MORTGAGE  
BLDG

**JOE BARLOW** Distributor  
DALLAS TEXAS

2507  
HARRISON  
ST

# USED MACHINERY MARKET

*The Market-place for Used Machinery, Equipment, Drums,  
Carboys, etc., Used by the Chemical and Allied Industries*

## FOR SALE ENTIRE PLANT DRYERS, KETTLES, BOILERS, TANKS, CRUSHERS, FILTERS

and all other  
equipment

As Well As

22 ACRES FRONTING  
1700 FEET ALONG PAS-  
SAIC RIVER, GREATER  
NEW YORK DISTRICT

Phone or Write Owners

**F. J. LEWIS MFG. CO.**  
Mulberry 3800  
NEWARK, N. J.

## FOR SALE

18" and 24" Cogswell Mills  
3 x 4 Oliver Filter  
16" and 22" Schultz-O'Neil Mills  
300 gal. Stokes Mixer  
100 gal. W & P Mixer  
#00 and #0000 Raymond Mills  
125 gal. Still and Receiver  
#2 and #3 Devine Chamber dryers

**ROBERT P. KEHOE**

7 East 42nd St., New York, N. Y.

## OFFERED FROM STOCK

12 Vacuum Shelf Dryers, Nos. 5-28  
20 Truck and Tray Type Dryers, vari-  
ous sizes and types  
10 Centrifugal Machines, copper and  
steel basket, 12-60"  
16 Filter Presses, iron and wood, Sweet-  
lands and other types  
Copper Stills and Sulphonaters, iron and  
steel, 50 gal. - 2,000 gal.  
6 W.&P. Heavy Duty Mixing Machines,  
various sizes  
10 Schutz-O'Neill Pulverizers, 28 inch.  
6 Raymond Pulverizers, 0-0000  
4 Mead Mills  
2 Brand New General Ceramics Stone-  
ware Blowers  
2 Glen Falls Sulphur Burners  
*Send Us Your Inquiries*  
**Consolidated Products Co., Inc.**  
15 Park Row Phone  
New York City Barclay 0603

## CHEMICAL MACHINERY WANTED What Have You To Offer?

FOR SALE  
1 #7 Devine Vacuum Dryer with Con-  
denser  
1 #3 Mead Mill, 24" Dia.  
1 #1 Kent Pulverizer  
**IRVING BARCAN COMPANY**  
30 Church St. Phone  
New York Cortlandt 2195-2196

## Two Inches

\$50 for 3 months

(13 Issues)

Wanted—Complete equip-  
ment for construction of Chemi-  
cal Plant—filter presses, cen-  
trifugals, rollers mills, dryers,  
stills and Duriron, etc. Box 228.

DRUG & CHEMICAL MARKETS

## FOR SALE

**YARYAN EVAPORATOR**—1-8 coil  
triple effect with heater, condensed  
pump, rebuilt by Manufacturer.  
**DRYERS**—2-6x25 Louisville steam; 1  
6x40 Louisville Direct; 1-3x15 Buho-  
vak Rotary Vacuum.  
**Technical Economist Corporation**  
40 Rector St. New York, N. Y.  
Phone - Whitehall 5243 Cable - Herenco

## "HY-SPEED" MIXERS



with "PUSH-PULL"

Propellers are now used  
in hundreds of the largest  
plants.

### MANY FEATURES

Clamp to any tank, operate  
from lamp circuit, mix better,  
cost less.

### Vacuum Bottle Fillers

Fill all liquids, such as  
Iodine, Peroxide, Acids, Etc.

Write for Circular.

**ALSOP ENGINEERING CO.**

47 W. 63rd ST.

NEW YORK

## POTASSIUM PERMANGANATE

*Large Crystals  
Medium Crystals  
Small Crystals*

Special quality for tablet makers. Tech-  
nical for fumigation, deodorizing, etc.

**Carus Chemical Company, Inc.**

La Salle, Illinois

*New York Representative*

**T. J. PARKER, INC., 132 FRONT STREET**

# Wants & Offers

Rate—All classifications, \$1.00 an issue for 20 words or less, additional words, 5c each, per issue.

Payment—Must accompany order, add 10c if replies are to be forwarded.

Address "Wants & Offers"

DRUG & CHEMICAL MARKETS  
3 Park Place, New York.

## Bids and Proposals

**ARSENATE OF LEAD**—The director of purchase and sales, Department of Agriculture, Washington, will open bids August 18 for 65 tons powdered arsenate of lead.

**OXYGEN AND ACETYLENE**—The purchasing agent, Post Office Department, Washington, will open bids August 19 for oxygen and acetylene as required during the fiscal year 1926.

**NAVAL SUPPLIES**—Bids are wanted on dates indicated by the bureau of supplies and accounts, Navy Department, Washington, for supplies for navy yards and stations: Sched. 4152, various yards, alcohol, opening of August 18. Sched. 4170, 5,000 lbs. anhydrous ammonia, opening of August 18.

**MISCELLANEOUS**—Bids are wanted on date indicated by the purchase and issue subdivision, veterans' bureau, Washington, for supplies for veterans' hospitals: Opening of Aug. 12, Cir. 2-M, 1,000 gals. raw linseed oil.

## Business Opportunities

WOULD like to purchase controlling or substantial interest in an established paint, varnish or chemical concern, that can show a good earning record and offers possibilities of greater development under direction of an executive having considerable sales and manufacturing experience, at present an official of one of the largest concerns in the industry. Answers will be strictly confidential. Box 280, DRUG & CHEMICAL MARKETS.

## Business Opportunities

**CARL KRIENITZ & CO., BERLIN-STEG-LITZ**, wants sole buying or selling agency of American exporting and importing manufacturers. Twenty years trade experience.

**UNDERSIGNED JOBBERS** of Insecticides, fungicides, etc., desire connections with manufacturers and importers of fertilizer chemicals. Rohn & Barg, 192 N. Clark St., Chicago, Ill.

**LOWER OVERHEAD** by contracting with us for your analysis. Research done on contingent basis. "S—Laboratories, Analytical and Consulting Chemists." Box 277, DRUG & CHEMICAL MARKETS.

**BRITISH TRADE REPRESENTATIVE** of British chemical merchants, established over half a century, who has specialized in industrial chemicals, is in the United States and desirous of meeting, for business purposes, principal officers of American chemical manufacturing companies who are interested in extending their sales in Great Britain. Box 267, DRUG & CHEMICAL MARKETS.

**FOR SALE**—One half interest in established chemical plant for sale to a partner experienced in the sale of materials to the paint, varnish and lacquer industries. Capital required, \$30,000—one third cash. Consistent record of profits shown of the past six years. Desire to expand and want working partner to handle sales. Box 266, DRUG & CHEMICAL MARKETS.

## Business Opportunities

**OFFICE**—Desk room with telephone and stenographic service in pleasant, clean office available August 1st. William Street neighborhood. Reasonable. Box 261, DRUG & CHEMICAL MARKETS.

**FOR SALE**—Brick building, two stories, fire proof construction, 100x40 ft. on railroad siding, Newark district. Box 264, DRUG & CHEMICAL MARKETS.

**WANT TO BUY** a going chemical specialty business. Not interested in formulas or ideas; but prepared to take over an established concern. Box 270, DRUG & CHEMICAL MARKETS.

## Situations Wanted

**SALESMAN**—Chemical salesman now connected desires to make new selling association with manufacturer. Desires to travel Central West for reliable house. Now covering this territory. Eight years selling experience in industrial chemical field. Thirty-nine years of age, married. Can furnish best of references. Address Box 270, DRUG & CHEMICAL MARKETS.

**SALESMAN**—Young man, four years experience with chemical importer, desires to make new connection Sept. 1 with reliable firm. Will travel if necessary. Single. Good record. Box 275, Drug & Chemical Markets.



"The Purity of 20 Mule Team Borax Products is Never Questioned."

**BORAX**  
and  
**BORIC ACID**  
in all forms

**Pacific Coast Borax Co.**  
100 William Street, New York  
Chicago Los Angeles

POTASH  
**'KEMFERT'**  
SALTS

**90 to 98% Potassium Chloride**

Write for specifications and price.

**AMERICAN TRONA CORPORATION**  
Woolworth Bldg. New York City

**STERLING BRAND**  
**BORAX**  
AND  
**BORACIC ACID**

Fifteen years on the Market  
and never a complaint

**STERLING BORAX COMPANY**  
HARRIS TRUST BUILDING  
CHICAGO, U.S.A.

## SOLVENTS AND SOFTENERS

Butyl Acetate Diethylphthalate  
Amyl Acetate Dibutylphthalate  
Refined Fusel Oil Triacetine  
Acetine

**THE KESSLER CHEMICAL CO.**  
**MANUFACTURING CHEMISTS**

Orange, N. J.



## Situations Wanted

**ALCOHOL SALESMAN**—Man with several years experience in Prohibition Section desires to make sales connection with alcohol manufacturer. Knows the alcohol business and regulations. Box 276, Drug & Chemical Markets.

**CHEMICAL SALESMAN**, college education, two years Post Graduate work in chemistry, four years executive experience in chemical plants, two years in laboratory, for the past three years as salesman in a specialty chemical field—is there a chemical manufacturer or importer who can use this experience in line with energy, integrity and real sales ability? Box 271, DRUG & CHEMICAL MARKETS.

**RESEARCH CHEMIST**—Ph. D. Johns Hopkins, broad experience and expert working knowledge of foodstuffs, fuels and plant practice, seeks connection. Box 262, DRUG & CHEMICAL MARKETS.

**SALES AND ADVERTISING MANAGER**—Man with 20 years experience in the toilet goods and proprietary fields as detail man, salesman, office manager, advertising manager, at present connected, desires a new position in the Fall—preferably in the East. Have a proved record of accomplishment and seek a larger field to demonstrate my ability in. Box 273 DRUG & CHEMICAL MARKETS.

## Help Wanted

**WANTED**—Pharmaceutical chemist thoroughly experienced and capable of taking full charge of a Pharmaceutical Laboratory in the middle west. The applicant must be able to give best of references as to ability and character, and to the right man a good future is insured. Address Box 28 DRUG & CHEMICAL MARKETS.

**WANTED**—Salesman, young man, preferably with some experience, to sell essential oils and perfume material. Must be a hustler. Box 258, DRUG & CHEMICAL MARKETS.

## Help Wanted

**SALESMEN**—Soap manufacturer wants two men to call on industrial trades with chip soap and industrial specialties. Write with experience and salary expected. Box 272, DRUG & CHEMICAL MARKETS.

## Drugs and Chemicals

**FOR SALE**—30 gallons Fluid Extract Rhubarb, 30 gallons Fluid Extract Senna, 30 gallons Fluid Extract Jalap. Will sell cheap. Make us an offer. Kaufman Brothers, Columbus, Ga.

**WE BUY FOR SPOT CASH**—odd lots, chemicals, colors, waxes, glues, minerals or allied products. Submit samples and details. Address Box 278, DRUG & CHEMICAL MARKETS.

**CRESOLS ALL SPECIFICATIONS**, also high co-efficient. Pyridine bases, test also high boiling all grades. Regularly for sale. Box 274, DRUG & CHEMICAL MARKETS.

About 50-60 tons unpulverized China Clay in Brooklyn warehouse in bulk, bags and casks, must be cleared immediately as warehouse in hands of receiver. Samples on request to Pickfords Colonial, Inc., 115 Broad street, New York.

**HEXYLCHLORIDE**—Where can we buy? Box 245, DRUG & CHEMICAL MARKETS.

**VARNISH**—1,200 gallons high quality guaranteed. Sacrificing below manufacturing cost of 55 gallon drums 78c per gallon. Sample \$1.00 prepaid. American Chemical Products Co., Rochester, N. Y.

**CRUDE DRUGS**—Firm in South desires to make direct connection with dealers in New York, Chicago, and other cities, for distribution of roots, herbs, etc. Write direct, mentioning DRUG & CHEMICAL MARKETS to the Pike Sales Co., Shelbyville, Ky.

## Plant Equipment

**FOR SALE**—40 drums, 110 gal. capacity, black, I.C.C.-5 at \$2.60 each. Also 130-150 gal. drums at \$3.70 F.O.B. Newark plant. Offers subject to prior sale. Condition guaranteed good and fairly clean. Box 268, DRUG & CHEMICAL MARKETS.

## Plant Equipment

**FOR SALE**—2-6 ft. 3 in. by 4 ft. 10 in. vacuum kettles. 2-Patterson 6 by 5 ft. pebble mills. Day 2 ft. 6 in. by 1 ft. 6 in. ball mill. Elyria enameled evaporating dish. 30 gallon enameled vacuum still. Shriver, Johnson, Sperry iron and wood filter presses all sizes. Send for list of equipment at our warehouse Harrison, New Jersey. The Campbell-Keith Corporation, 30 Church St., New York City.

**WANTED**—260 big I C C drums in good condition—Boston. Box 265, DRUG & CHEMICAL MARKETS.

**FOR SALE**—2 No. 11, 1—No. 23 Devine shelf dryers. 12, 18, 24 and 30 in. wood and iron filter presses. 3—steel 8 ft. 7 in. by 8 ft. kettles with coils and agitator. Kettles, 100 to 400 gallons capacity. Ball mills; 33 by 42 in. 30 by 18 in. Pebble Mills; 2 by 3 ft., 5 by 6 ft. No. 00, No. 0000 Raymond Pulverizers. 3—100 gallon Westernman mixers. 2—200 gallon Read mixers. 500 gallon Sulphator. Equipment located at our warehouse, Harrison, N. J. The Campbell Keith Corp., 30 Church Street, New York, Cortlandt 5727-8755.

**GLASS LINED TANKS**: 20 Pfaudler tanks, approximately 9,000 gal. capacity, flanged in four ring sections, fully equipped with adjustable jack supports, intake and outlet valves, practically new condition, guaranteed fully, cost \$2,000; price \$300; 1' same, 5,000 gal. capacity—\$225. Heider Industrial Chemical Co., 116 East Lafayette St., Columbus, Ohio.

## Miscellaneous

**FOR SALE**—Complete files of DRUG & CHEMICAL MARKETS, unbound, \$5.00 a volume.

**ASK THE Bureau of Employment of the Chemists' Club (Agency) 52 East 41st Street, New York City.** If you need a chemist (man or woman) for the laboratory or works. If you wish a position for the practice of your profession. No charge to employers. Moderate fee to applicants. Prof. Herbert R. Moody, Chairman Club Committee.



**Pickwick Arms**  
(at Greenwich, Connecticut)

### The American Association of Textile Chemists and Colorists

is invited to observe the reaction upon the human system of appetizing Pickwick food, of outdoor sports in the invigorating Greenwich hills, or dancing to the music of a crack jazz orchestra. After working out this week-end formula you will be glad your attention was called to this inn of unusual hospitality.

Edw. C. Railing, Manager  
Formerly of the Plaza, New York.

*Walter Huggan*  
President.

# Index To Advertisers

Alsop Engineering Co. ....	470
American British Chemical Supplies, Inc. ....	308
American Cyanamid Co. ....	443
American Trona Corp. ....	471
Arkell Safety Bag Co. ....	467
Arnold Hoffman & Co. ....	246
Atkins & Co., E. ....	462
B. & W. Co. ....	446
Baird & McGuire ....	486
Barcan Co., Irving ....	470
Barlow, Joe ....	469
Barrett Co., The ....	455
Bayer, Rudolf ....	459
Bemis Bro. Bag Co. ....	—
Benkert & Co., W. ....	449
Benner Chemical Co. ....	468
Berg Industrial Alcohol Co., David ....	396
Bromund Co., E. A. ....	447
Bergstrom, Stoeve & Co. ....	467
Bush, Burton T. ....	412
Cabot, Godfrey L. ....	444
Calco Chemical Co. ....	345
Campbell & Co., John ....	376
Carbide & Carbon Chemical Corp. ....	445
Carboy Co., The ....	402
Carlton, A. S. ....	467
Carus Chemical Co. ....	470
Chemical Exposition ....	—
Chemical Utilities Co. ....	469
Chemical Works "Naarden" ....	465
Chemische Fabrik (Dr. Hugo Stoltzenberg) ....	378
Church & Dwight ....	456
Clegg Chemical Co. ....	253
Cleveland-Cliffs Co., The ....	463
Commercial Solvents Co. ....	439
Compagnie Duval ....	460
Consolidated Products Co. ....	470
Consumers Chemical Co. ....	469
Cooper & Co. Chas. ....	439
Coyne Chem. Co., Geo. S. ....	469
Cronkhite, Inc., Leonard W. ....	468
Daigger & Co., A. ....	468
Dey & Co., Wm. H. ....	457
Diamond Alkali Co. ....	452
Doe & Ingalls ....	468
DuPont Chem Corp. ....	446
Dow Chemical Co. The ....	1st Cover
Dreyer P. R. ....	460
Drury & Co., A. C. ....	468
DuPont de Nemours & Co. E. I. ....	444
Ezstman Kodak Co. ....	382
Economic Machinery Co. ....	406
Electro Bleaching Gas Co. ....	474
Federal Products Co., The ....	464
Fergusson Jr. Alex. C. ....	469
Fougera & Co., E. ....	376
Fries & Fries Co. ....	464
Fritzsche Bros. ....	462
General Chemical Co. ....	441
General Dyestuff Corp. ....	411
Grasselli Chemical Co. ....	442
Dyestuffs Department ....	240
Gray & Co., William S. ....	465
Greeff & Co., R. W. ....	448
Hammill & Gillespie ....	240
Howe & French ....	468
Industrial Chemical Co. ....	448
Innis Speiden & Co. ....	450
International Salt Co. ....	313

(Continued on page 474)

## THE NEWPORT QUALITY

Coal Tar  
Products

IN THE COURSE OF OUR PROCESS

*"Coal to Dyestuff"*

we produce many coal tar chemicals and intermediates. These we offer for sale in the same high quality standards that have given our colors their superior reputation. We are headquarters for the following and we solicit inquiries for others not listed:

Flotation Reagents	Xylidine
Ortho Nitro Toluol	N W Acid
Ortho Nitro Anisol	Dianisidine
Para Nitro Toluol	Benzidine
Ortho Toluidine	Tolidine
Ortho Anisidine	Gamma Acid
Para Toluidine	Cleves Acid
Meta Phenylene Diamine	
Meta Toluylene Diamine	
Alpha Naphthylamine	
Sodium Naphthionate	



Newport Chemical Works  
INCORPORATED  
PASSAIC, NEW JERSEY

# Factors that fix desirability

CHEMICALS are often considered in terms of quality only. Standards of purity are important, but being assured of the presence of this essential requisite there are other factors that fix the desirability of your chemical sources.

With us, loyalty to the best interests of our customers is an ingredient of every transaction. It is a welcome lubricant of business machinery—for it facilitates your plant operations and supplements the satisfaction insured by these quality products.

For the convenience of our customers, in addition to our plant and warehouse at Niagara Falls, we carry stocks at Providence, Long Island City, Charlotte, N. C., Dallas, Tex., Chicago and Denver.

Liquid Chlorine  
Caustic Soda  
(flaked, solid or liquid)  
Caustic Potash  
(flaked, solid or liquid)  
Bleach  
Paradichlorobenzene  
Orthodichlorobenzene  
Muriatic Acid

Affiliated with  
**Niagara Alkali Company**

Joseph Turner & Co. N.Y.  
Sole Agents for CAUSTIC SODA and BLEACH



**Electro Bleaching Gas Co.**  
PIONEER MANUFACTURERS of LIQUID CHLORINE

Plant: NIAGARA FALLS, N.Y.  
Main office 9 East 41<sup>st</sup> Street New York

## Index to Advertisers

(Continued)

Jordan, Wm. E. & Bro. ....	467
Kehoe, Robert P. ....	470
Kessler, Chemical Co., The ....	471
King & Co., E. & F. ....	468
Klipstein & Sons Co., E. C. ....	457
Lawson Corp., Wm. C. ....	457
Lewis Mfg. Co., F. J. ....	470
Magnus, Mabee & Reynard, Inc. ....	463, 464
Mallinckrodt Chemical Works ....	443
Mann & Co., George ....	469
Mathieson Alkali Works ....	413
Merchants Chemical Co. ....	468
Merck & Co. ....	346
Merrimac Chemical Co. ....	414
Millard-Heath Co. ....	469
Miner-Edgar Co., The ....	440
Miner Laboratories ....	267
Monarch Nushbaum Paper Box Co. ....	141
Monsanto Chemical Works ....	2nd Cover
Morana, Incorporated ....	461
Newport Chemical Works ....	455, 473
New York Quinine & Chemical Works ....	439
Niagara Alkali Co. ....	474
Norvell Chemical Corp. ....	456
Pacific Coast Borax Co. ....	471
Parsons & Petit ....	382
Philippeau, J. L. ....	253
Pickwick Arms ....	472
Pierce & Stevens ....	469
Pfaltz & Bauer ....	404
Powers-Weightmann-Rosengarten Co. ....	439
Presman Company B. ....	459
Raab & Co. H. ....	464
Rhodia Chemical Co. ....	460
Robins & Co. G. S. ....	469
Rodgers Chemical Co. ....	469
Roessler & Hasslacher Chemical Co., The ....	4th Cover
Rogers & McClellan ....	468
Rohm & Haas Co. ....	377
Rolls Chem. Co. ....	469
Rudloff F. ....	270
Seaboard Chemical Co. ....	454
Selden Co., The ....	451
Sjostrom, C. G. V. ....	262
Solvay Process Co. ....	453
Standard Publicity Co. ....	389
Starkweather Co., J. U. ....	262
Steel Drum & Barrel Co. ....	402
Steffens, G. A. ....	459
Sterling Borax Co. ....	471
Stoll Co., D. H. ....	402
Suter & Co. Eugene ....	379
Technical Economist Corp. ....	470
Thompson, Hayward Chemical Co. ....	469
Uhe, Geo. ....	465
Ulrich Chemical Co., The ....	468
Ungerer & Co. ....	461
U. S. Industrial Alcohol Co. ....	3rd Cover
Victor Chemical Works ....	450
Warner Chemical Co. ....	—
Wilson Laboratories, The ....	378
Wing & Evans ....	453
Winkler & Bros. Co., Isaac ....	454
Wirz, A. H. ....	381
Wishnick-Tumpeer Chem. Co. ....	468
Wrackmeyer & Co. ....	467

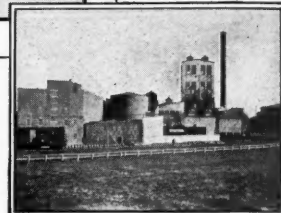




*One of the New Orleans plants*

*The Middle Western plant*

*Airplane view of the company's Baltimore plant*



## Every buyer of industrial alcohol

### should know these significant facts—

**T**O produce industrial alcohol of highest quality and at moderate prices requires a far-reaching organization, ample facilities, modern equipment, and a highly trained and thoroughly experienced staff.

The U. S. Industrial Alcohol Co.—the largest organization of its kind in the world—is ideally fitted to supply industries in every section of the country with highest grade alcohol.

It has been one of the foremost factors in developing many industrial possibilities of alcohol—and is constantly increasing the uses for this important product.

The company obtains its supply of molasses—the raw material from which alcohol is made—at the source. It owns not only the barges and tank cars which transport this molasses from the Cuban sugar mills to the coast, but the large tank steamers that carry it to the alcohol producing plants.

These plants are extensive—thoroughly mod-

ern—and operated by experts. Much of the equipment was designed and built by the company's engineers.

A special staff of scientists, provided with extensive laboratory equipment, is constantly engaged in the study of production methods, seeking to attain still further economy and efficiency.

To insure prompt deliveries to customers, and to keep its many warehouses adequately supplied, the company owns and operates more than 400 tank cars and 150,000 heavy steel drums. And trucks at each distribution center are available for local deliveries in smaller quantities.

The U. S. Industrial Alcohol Co. produces an alcohol of finest quality and uniformity. It insures reliable service and prompt deliveries in every section of the country—and it offers its product at prices consistently reasonable and unusually stable.

**U. S. INDUSTRIAL ALCOHOL Co.**

EXECUTIVE OFFICES—110 EAST 42nd ST., NEW YORK

*Sales branches in all principal cities*

Sodium Cyanide of the highest standard

*R&H*  
**CYANEGG**



Cyanegg shares the reputation of all R & H Chemicals for giving complete satisfaction. In marketing it we endeavor to further your interests by a service that meets your requirements to the last detail.



**C**YANEGG (Reg. U. S. Pat. Off.) is the universally accepted standard for Sodium Cyanide 96/98%, with 51/52% Cyanogen content, which is the equivalent of 128/130% KCN. It is a clean, white, product, unvarying in quality, cast in the shape of eggs, averaging in weight one ounce each.

**Cyanegg Containers and Stocks**

100 lb. and 250 lb. galvanized iron drums of Cyanegg may be obtained at 22¢ a pound, f.o.b. Perth Amboy, N. J. or New York and from local stocks in Boston, Philadelphia, Cleveland, Chicago, Los Angeles, San Francisco, Kansas City and New Orleans.

Also, it is available in 1, 10, 25 and 50 pound tins, 100 lbs. to the case, at a slight advance in price according to the size.

See our exhibit in Booth No. 44, Arena Floor,  
National Steel Exposition, Public Auditorium,  
Cleveland, Ohio. September 14-18, 1925.

*The*  
**ROESSLER & HASSLACHER CHEMICAL CO.**

709 Sixth Avenue

New York

